

Data File : VW012962.D
Acq On : 13 Sep 2019 19:40
Operator : SY/VA
Sample : VW0914SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0914SBS01

Quant Time: Sep 14 04:21:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	288854	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	428131	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	369607	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	186721	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	140172	52.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.08%	
35) Dibromofluoromethane	7.88	113	117254	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	10.32	98	469861	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
62) 4-Bromofluorobenzene	12.62	95	162280	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	27383	22.285	ug/l	96
3) Chloromethane	2.21	50	35700	23.069	ug/l	100
4) Vinyl Chloride	2.36	62	46874	22.672	ug/l	97
5) Bromomethane	2.76	94	26582	21.053	ug/l	93
6) Chloroethane	2.91	64	27414	21.619	ug/l	96
7) Trichlorofluoromethane	3.25	101	28281	19.561	ug/l	98
8) Diethyl Ether	3.68	74	24343	21.563	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	43456	19.817	ug/l	99
10) Methyl Iodide	4.27	142	57679	21.018	ug/l	99
11) Tert butyl alcohol	5.19	59	18553	89.250	ug/l #	94
12) 1,1-Dichloroethene	4.04	96	42240	21.185	ug/l	95
13) Acrolein	3.89	56	20903	102.141	ug/l	93
14) Allyl chloride	4.66	41	82303	21.744	ug/l	98
15) Acrylonitrile	5.36	53	61920	107.389	ug/l	99
16) Acetone	4.13	43	58487	88.399	ug/l	96
17) Carbon Disulfide	4.37	76	89254	22.463	ug/l	100
18) Methyl Acetate	4.67	43	35464	23.333	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	84886	21.568	ug/l	94
20) Methylene Chloride	4.92	84	50284	20.244	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	46578	21.812	ug/l	94
22) Diisopropyl ether	6.31	45	166970	21.234	ug/l	100
23) Vinyl Acetate	6.25	43	497492	105.631	ug/l	100
24) 1,1-Dichloroethane	6.21	63	92753	20.458	ug/l	98
25) 2-Butanone	7.17	43	87656	103.333	ug/l	95
26) 2,2-Dichloropropane	7.16	77	62199	18.922	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	54322	21.248	ug/l	98
28) Bromochloromethane	7.51	49	37218	19.504	ug/l	99
29) Tetrahydrofuran	7.52	42	54267	112.275	ug/l	99
30) Chloroform	7.68	83	95725	20.780	ug/l	95
31) Cyclohexane	7.95	56	78535	20.574	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	77571	20.447	ug/l	98
36) 1,1-Dichloropropene	8.08	75	68931	20.149	ug/l	99
37) Ethyl Acetate	7.25	43	38394	21.143	ug/l	98
38) Carbon Tetrachloride	8.07	117	70024	19.973	ug/l	93

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	76695	20.458	ug/l	99
40) Benzene	8.32	78	198926	20.829	ug/l	97
41) Methacrylonitrile	7.48	41	23519	19.667	ug/l	96
42) 1,2-Dichloroethane	8.40	62	66617	20.808	ug/l	98
43) Isopropyl Acetate	8.42	43	75007	21.513	ug/l	98
44) Trichloroethene	9.09	130	52474	20.059	ug/l	96
45) 1,2-Dichloropropane	9.37	63	51384	20.250	ug/l	96
46) Dibromomethane	9.46	93	25338	20.842	ug/l	99
47) Bromodichloromethane	9.64	83	69310	20.325	ug/l	97
48) Methyl methacrylate	9.43	41	34243	20.927	ug/l	97
49) 1,4-Dioxane	9.46	88	9160	449.669	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	190075	105.594	ug/l	100
52) Toluene	10.38	92	123127	20.288	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	69021	20.126	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	79707	20.313	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	38187	20.619	ug/l	98
56) Ethyl methacrylate	10.65	69	50974	20.448	ug/l	97
57) 1,3-Dichloropropane	10.93	76	67903	20.669	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	131359	98.233	ug/l	99
59) 2-Hexanone	10.97	43	129552	103.361	ug/l	98
60) Dibromochloromethane	11.12	129	44798	20.008	ug/l	97
61) 1,2-Dibromoethane	11.24	107	34996	20.714	ug/l	99
64) Tetrachloroethene	10.86	164	44430	20.206	ug/l	96
65) Chlorobenzene	11.66	112	131581	19.986	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	49612	19.664	ug/l	99
67) Ethyl Benzene	11.73	91	250790	20.626	ug/l	99
68) m/p-Xylenes	11.84	106	180770	40.697	ug/l	98
69) o-Xylene	12.16	106	86894	20.866	ug/l	97
70) Styrene	12.18	104	150913	20.372	ug/l	100
71) Bromoform	12.35	173	27019	20.388	ug/l	100
73) Isopropylbenzene	12.46	105	245643	19.848	ug/l	98
74) N-amyl acetate	12.27	43	64868	20.375	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	46035	21.178	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	58601	35.830	ug/l #	100
77) Bromobenzene	12.74	156	56834	19.933	ug/l	99
78) n-propylbenzene	12.80	91	288524	19.818	ug/l	100
79) 2-Chlorotoluene	12.89	91	167361	19.998	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	206265	19.700	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	14342	19.892	ug/l	99
82) 4-Chlorotoluene	12.99	91	177542	20.106	ug/l	100
83) tert-Butylbenzene	13.21	119	182904	19.530	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	207797	20.084	ug/l	100
85) sec-Butylbenzene	13.38	105	250482	19.631	ug/l	100
86) p-Isopropyltoluene	13.50	119	231584	19.768	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	111271	19.714	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	111034	20.018	ug/l	98
89) n-Butylbenzene	13.82	91	216459	19.592	ug/l	99
90) Hexachloroethane	14.09	117	39910	19.010	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	100421	20.232	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	7743	19.460	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091419\
Quantitation Report (Not Reviewed)

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ClientSampleId :
VW0914SBS01

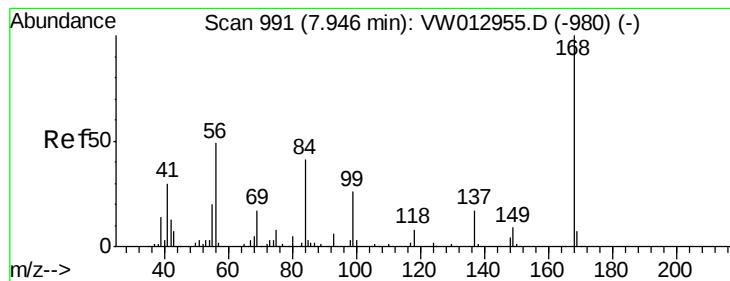
Quant Time: Sep 14 04:21:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	69422	19.612	ug/l	99
94) Hexachlorobutadiene	15.23	225	47452	18.936	ug/l	98
95) Naphthalene	15.36	128	118863	20.096	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	61028	19.503	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012962.D

Acq: 13 Sep 2019 19:40

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MSVOA_W

ClientSampleId :

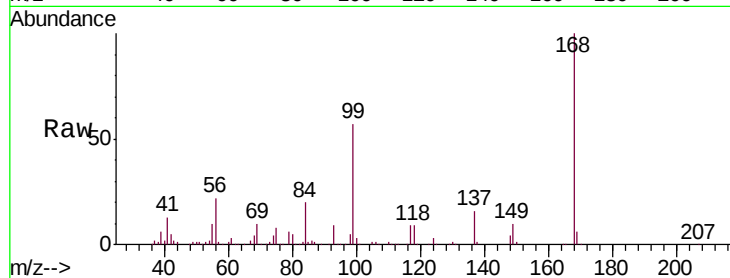
VW0914SBS01

Tgt Ion: 168 Resp: 288854

Ion Ratio Lower Upper

168 100

99 56.8 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

100000

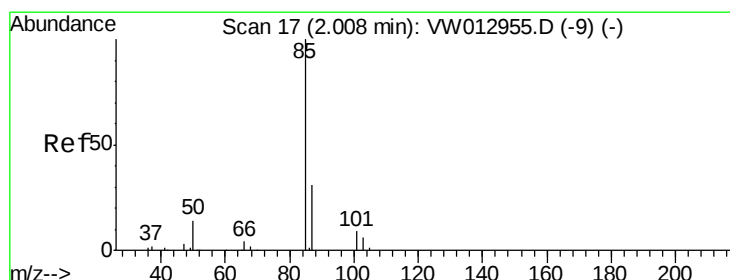
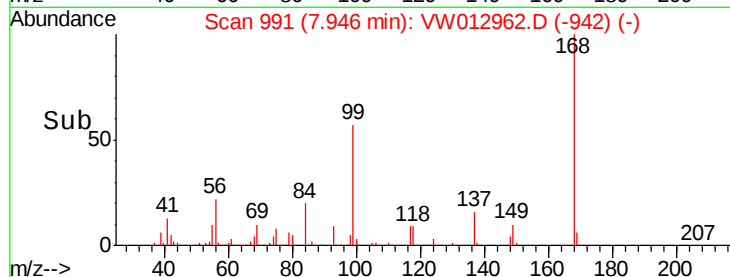
50000

0

Time-->

7.90

8.00



#2

Dichlorodifluoromethane

Concen: 22.285 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW012962.D

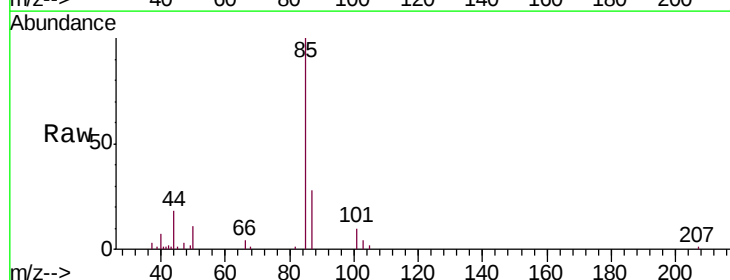
Acq: 13 Sep 2019 19:40

Tgt Ion: 85 Resp: 27383

Ion Ratio Lower Upper

85 100

87 28.5 15.4 46.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

12000

10000

8000

6000

4000

2000

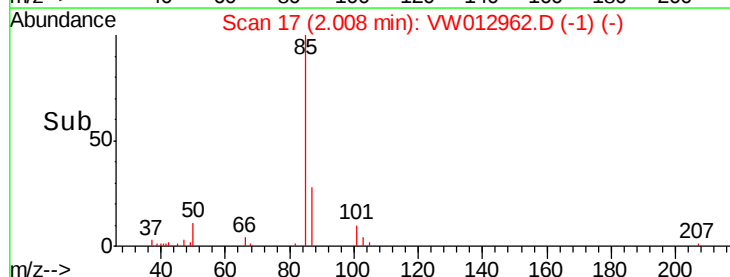
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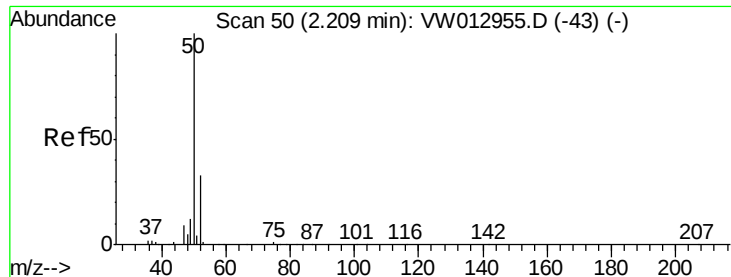
Time-->

1.90

2.00

2.10





#3

Chloromethane

Concen: 23.069 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW012962.D

Acq: 13 Sep 2019 19:40

Instrument :

MSVOA_W

ClientSampleId :

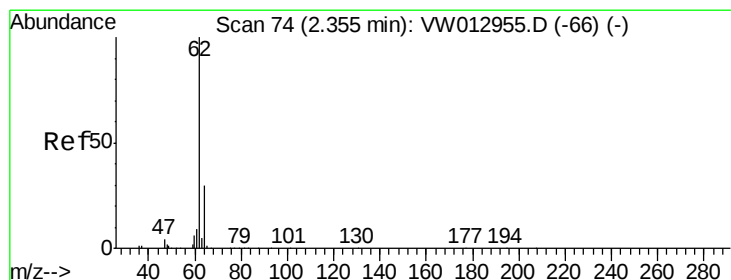
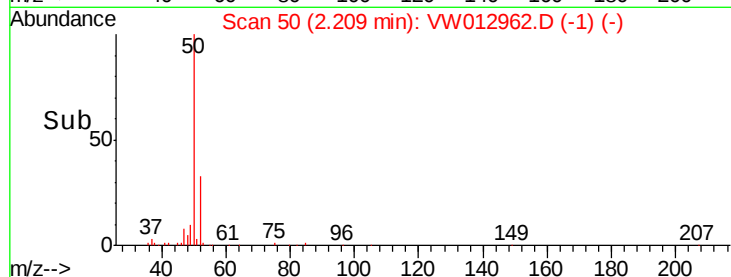
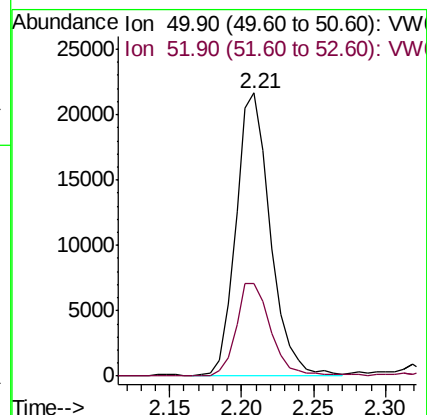
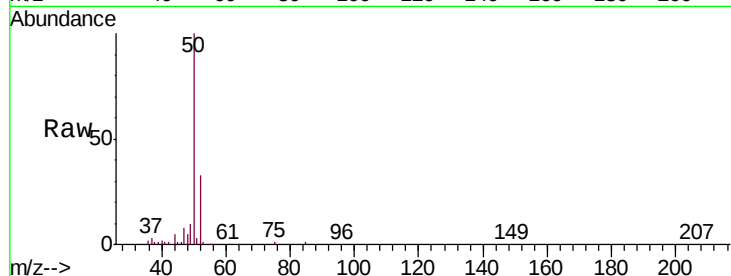
VW0914SBS01

Tgt Ion: 50 Resp: 35700

Ion Ratio Lower Upper

50 100

52 33.0 26.6 39.8



#4

Vinyl Chloride

Concen: 22.672 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW012962.D

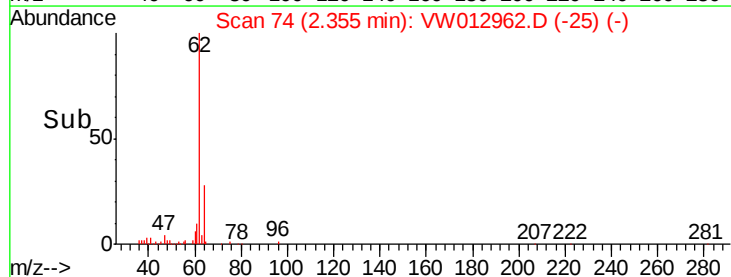
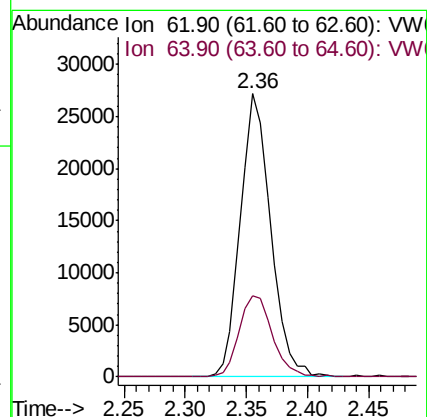
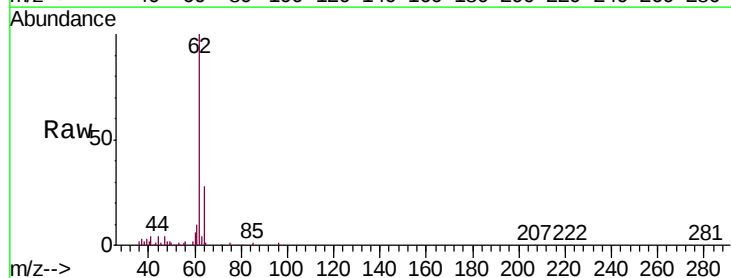
Acq: 13 Sep 2019 19:40

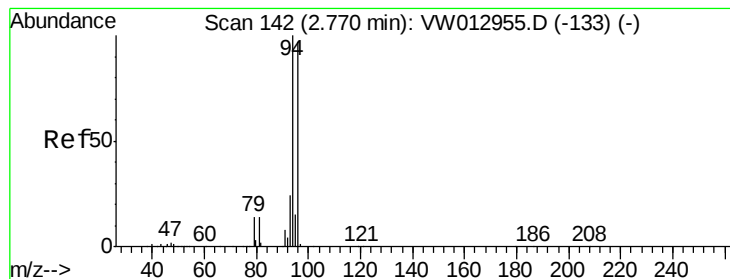
Tgt Ion: 62 Resp: 46874

Ion Ratio Lower Upper

62 100

64 28.5 24.2 36.4





#5

Bromomethane

Concen: 21.053 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW012962.D

Acq: 13 Sep 2019 19:40

Instrument :

MSVOA_W

ClientSampleId :

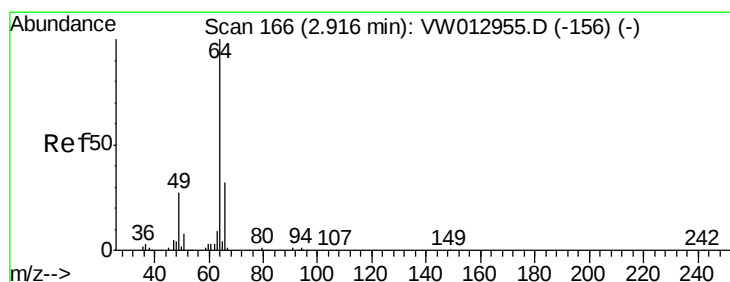
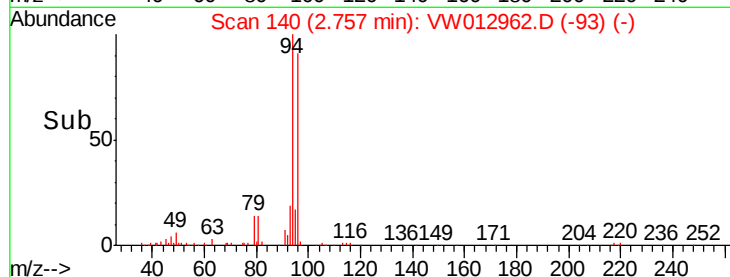
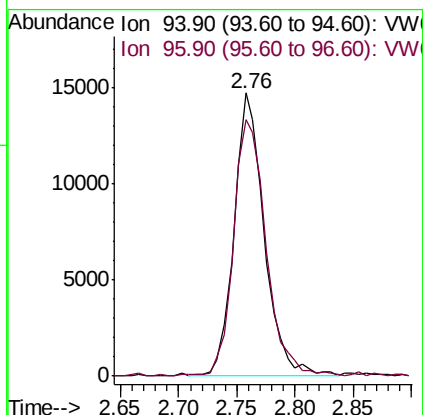
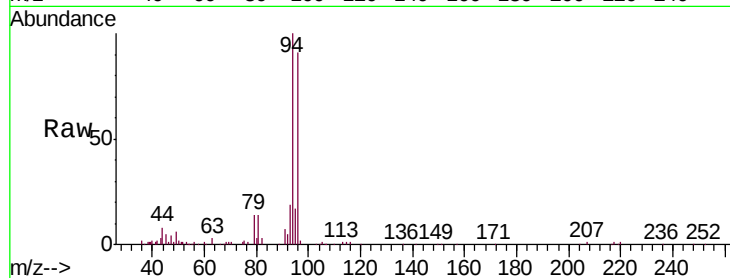
VW0914SBS01

Tgt Ion: 94 Resp: 26582

Ion Ratio Lower Upper

94 100

96 90.3 77.8 116.6



#6

Chloroethane

Concen: 21.619 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW012962.D

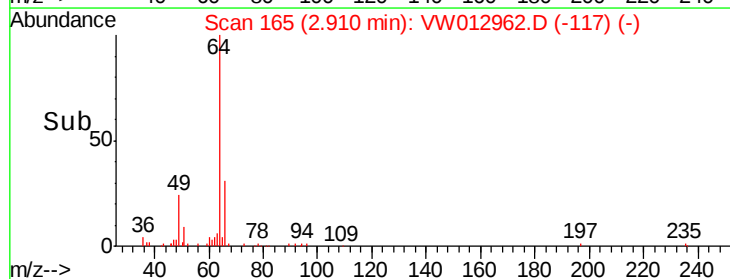
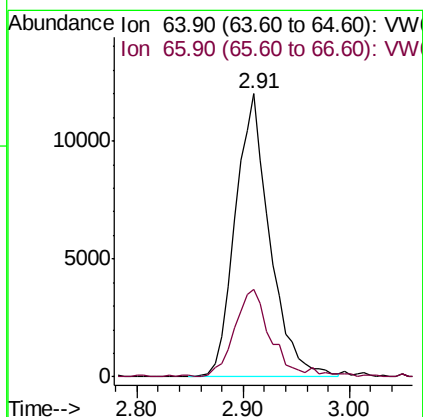
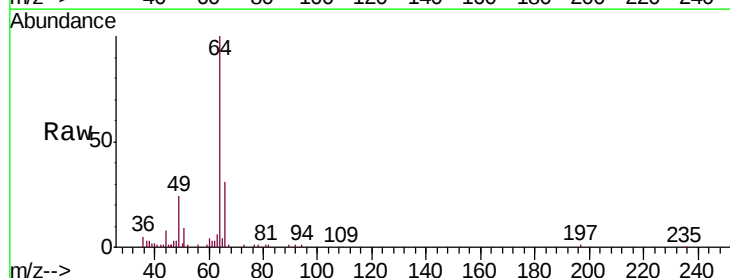
Acq: 13 Sep 2019 19:40

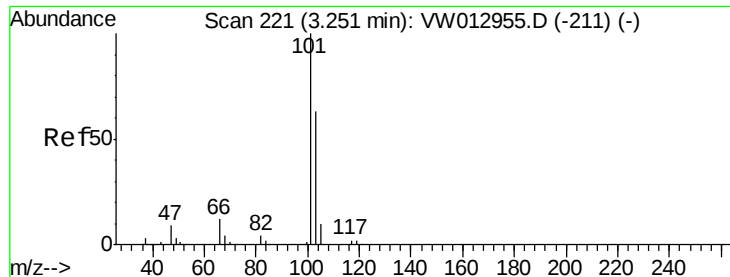
Tgt Ion: 64 Resp: 27414

Ion Ratio Lower Upper

64 100

66 30.0 25.9 38.9



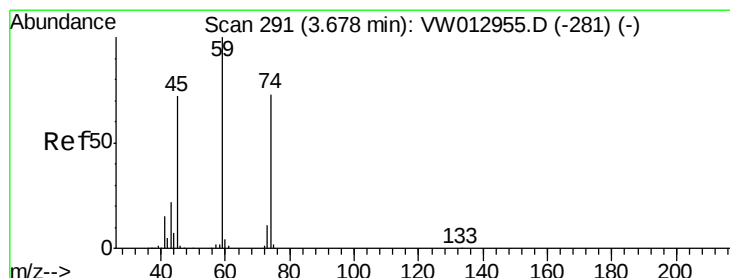
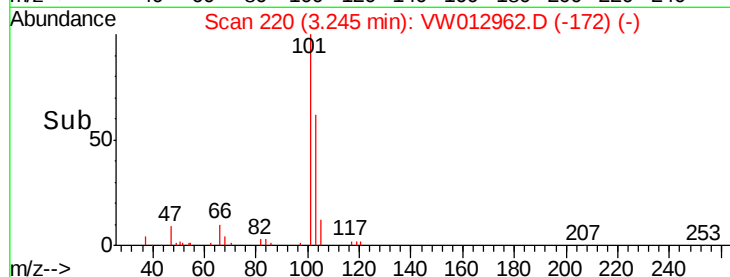
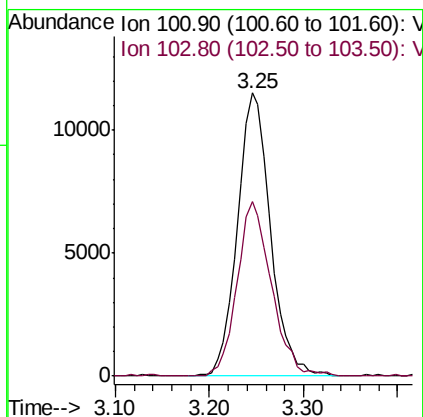
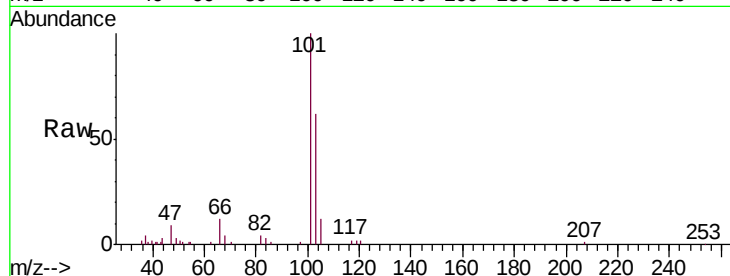


#7

Trichlorofluoromethane
 Concen: 19.561 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
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 VW0914SBS01

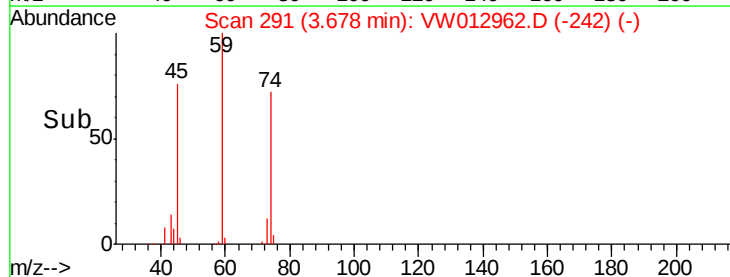
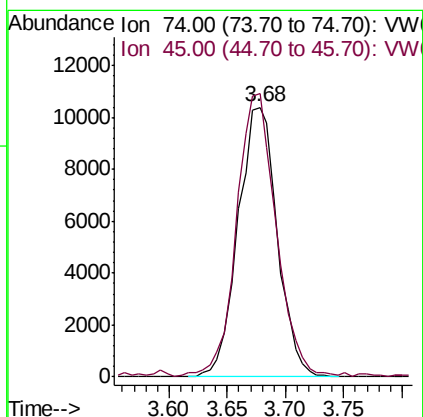
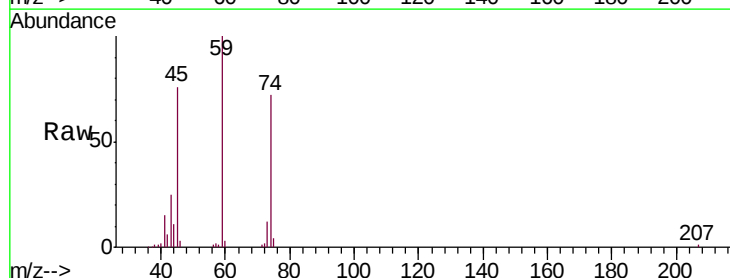
Tgt Ion:101 Resp: 28281
 Ion Ratio Lower Upper
 101 100
 103 61.9 50.7 76.1

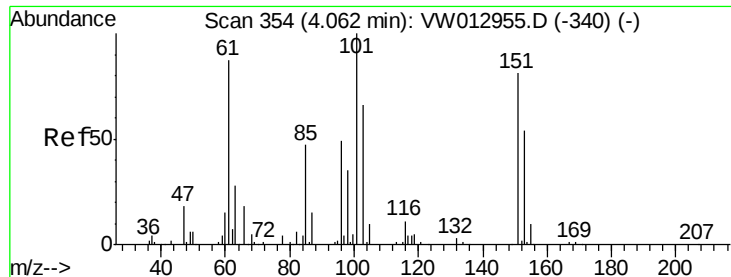


#8

Diethyl Ether
 Concen: 21.563 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012962.D
 Acq: 13 Sep 2019 19:40

Tgt Ion: 74 Resp: 24343
 Ion Ratio Lower Upper
 74 100
 45 107.0 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.817 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012962.D

Acq: 13 Sep 2019 19:40

Instrument :

MSVOA_W

ClientSampleId :

VW0914SBS01

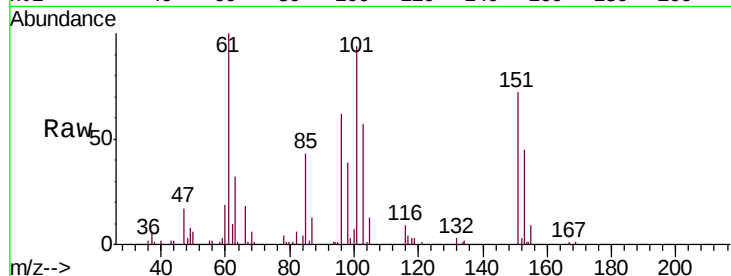
Tgt Ion:101 Resp: 43456

Ion Ratio Lower Upper

101 100

85 45.5 34.9 52.3

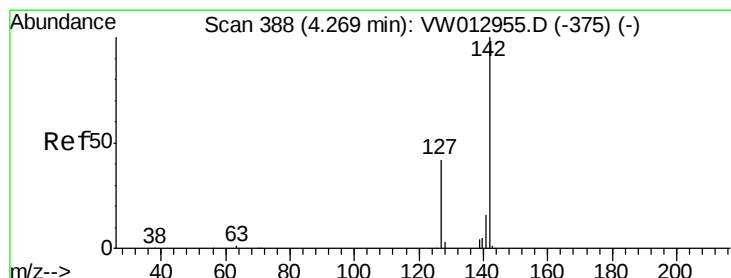
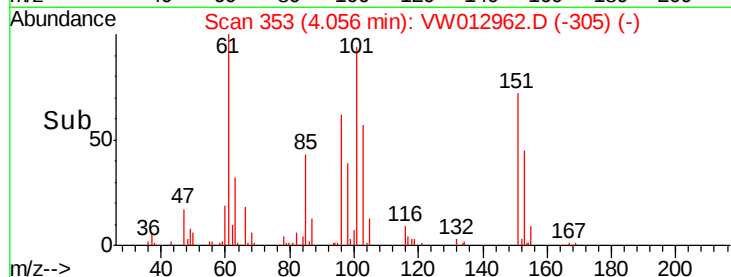
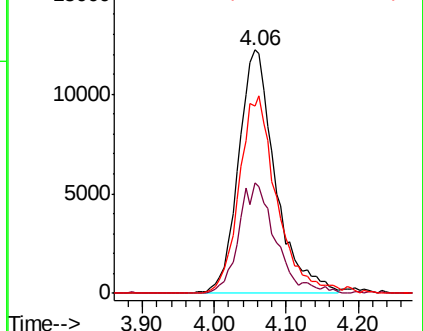
151 82.7 66.0 99.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.018 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW012962.D

Acq: 13 Sep 2019 19:40

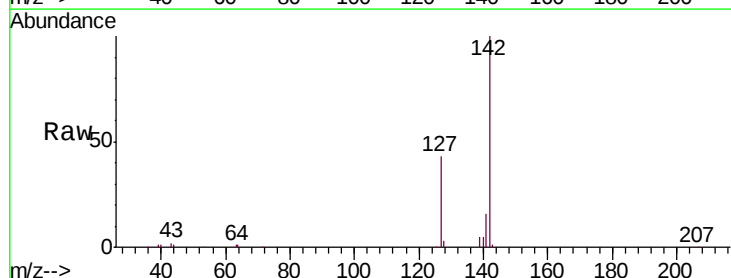
Tgt Ion:142 Resp: 57679

Ion Ratio Lower Upper

142 100

127 43.7 34.7 52.1

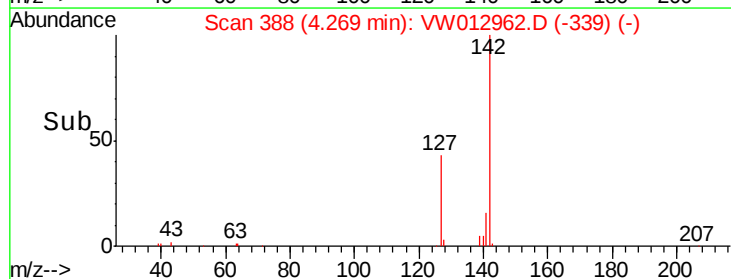
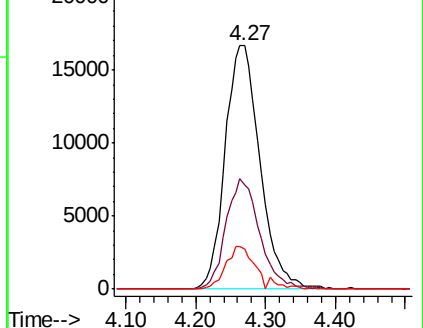
141 13.8 12.2 18.2

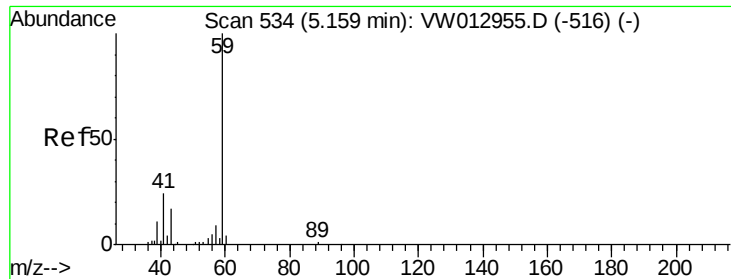


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



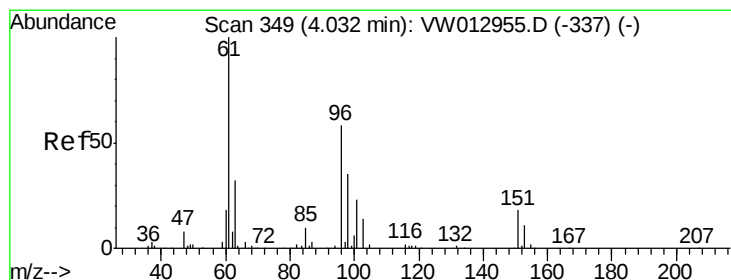
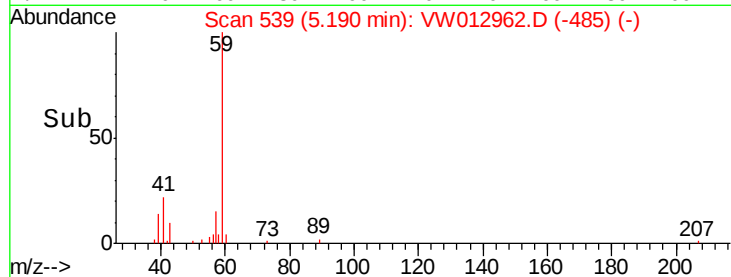
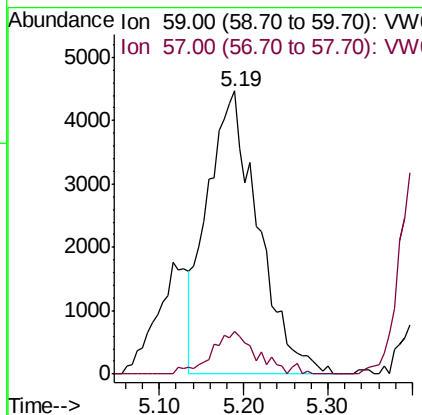
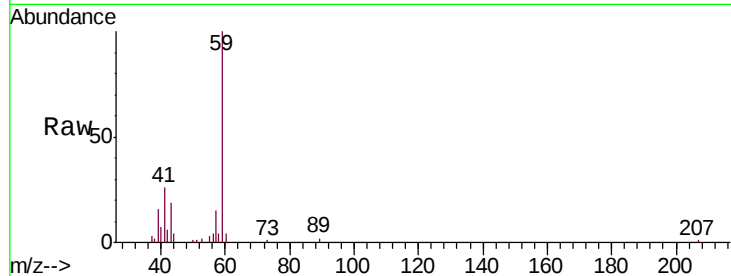


#11

Tert butyl alcohol
 Concen: 89.250 ug/l
 RT: 5.19 min Scan# 539
 Delta R.T. 0.03 min
 Lab File: VW012962.D
 Acq: 13 Sep 2019 19:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0914SBS01

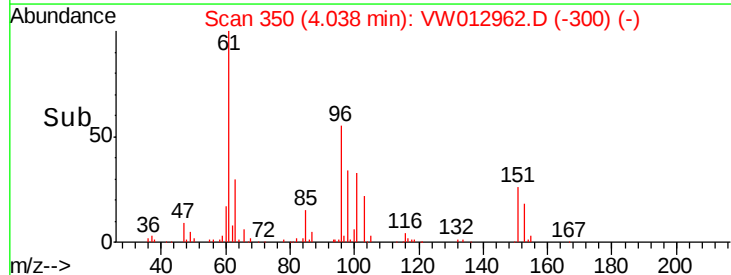
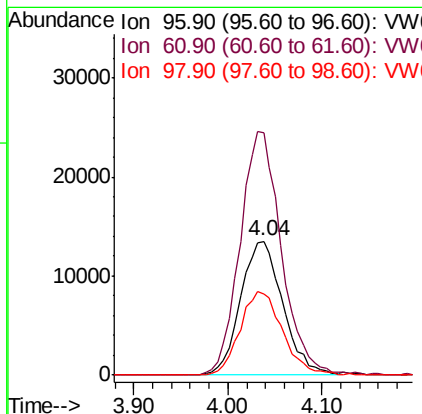
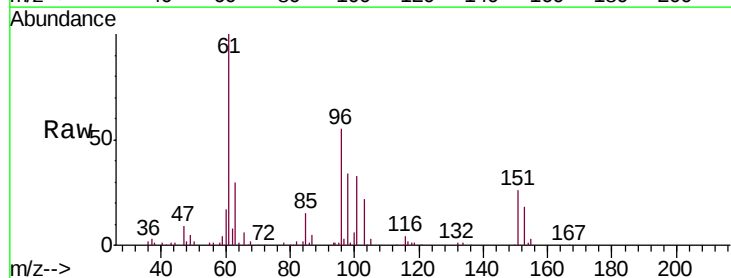
Tgt Ion: 59 Resp: 18553
 Ion Ratio Lower Upper
 59 100
 57 12.9 8.5 12.7#

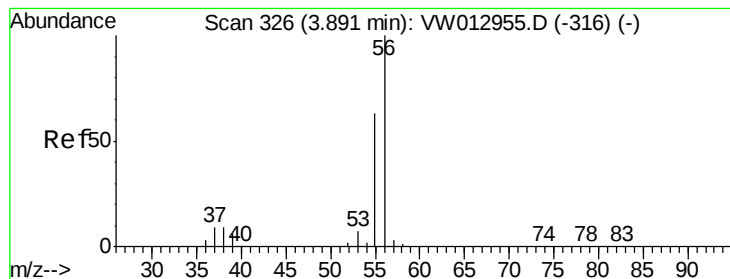


#12

1,1-Dichloroethene
 Concen: 21.185 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.01 min
 Lab File: VW012962.D
 Acq: 13 Sep 2019 19:40

Tgt Ion: 96 Resp: 42240
 Ion Ratio Lower Upper
 96 100
 61 180.8 137.9 206.9
 98 60.8 48.9 73.3





#13

Acrolein

Concen: 102.141 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW012962.D

Acq: 13 Sep 2019 19:40

Instrument :

MSVOA_W

ClientSampleId :

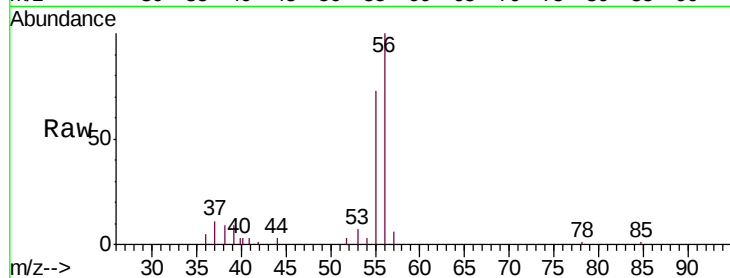
VW0914SBS01

Tgt Ion: 56 Resp: 20903

Ion Ratio Lower Upper

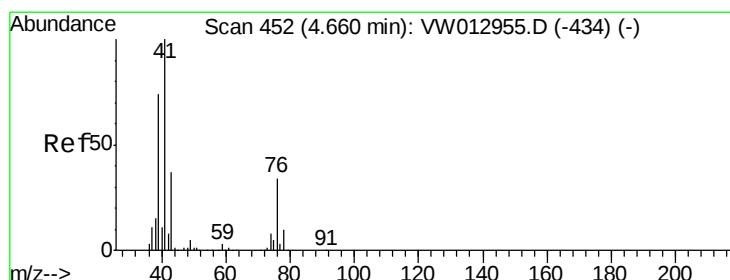
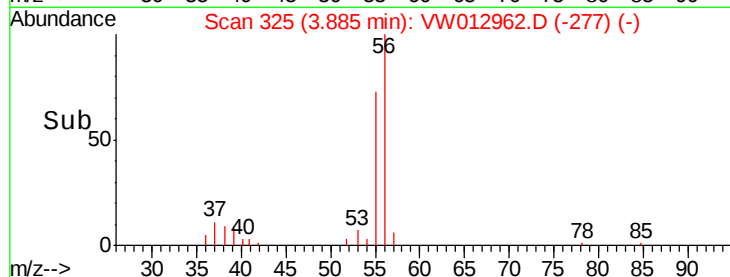
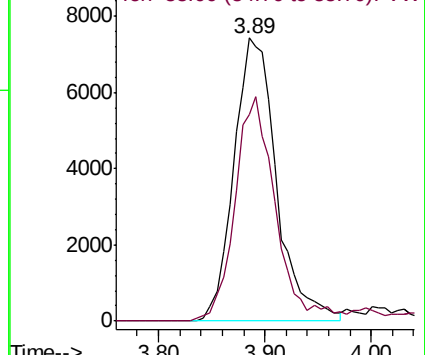
56 100

55 75.5 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 21.744 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW012962.D

Acq: 13 Sep 2019 19:40

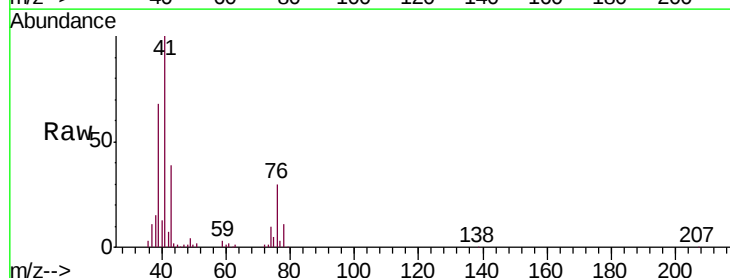
Tgt Ion: 41 Resp: 82303

Ion Ratio Lower Upper

41 100

39 69.4 56.7 85.1

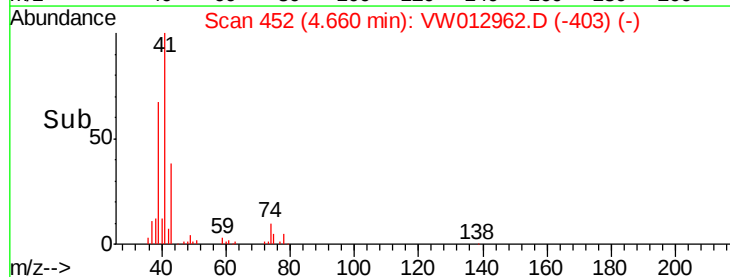
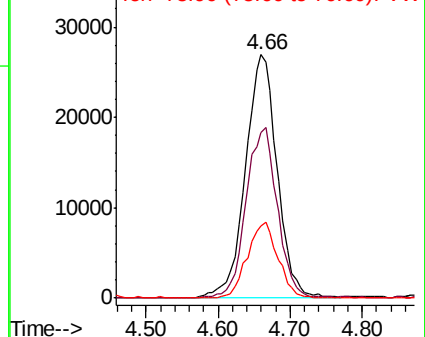
76 30.0 25.1 37.7

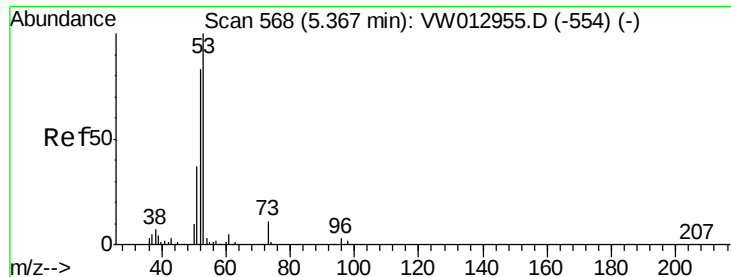


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 107.389 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012962.D

Acq: 13 Sep 2019 19:40

Instrument :

MSVOA_W

ClientSampleId :

VW0914SBS01

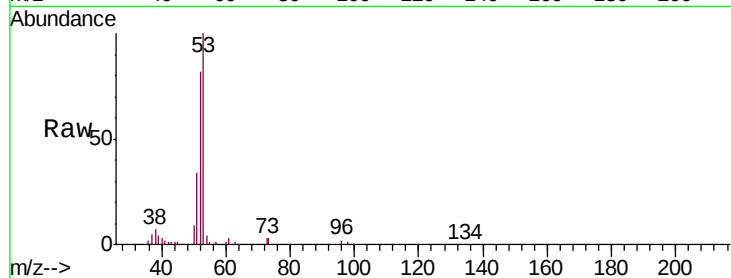
Tgt Ion: 53 Resp: 61920

Ion Ratio Lower Upper

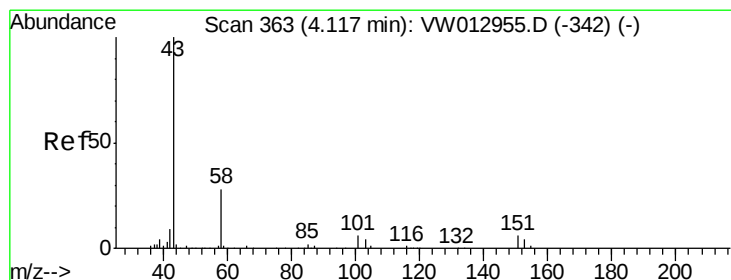
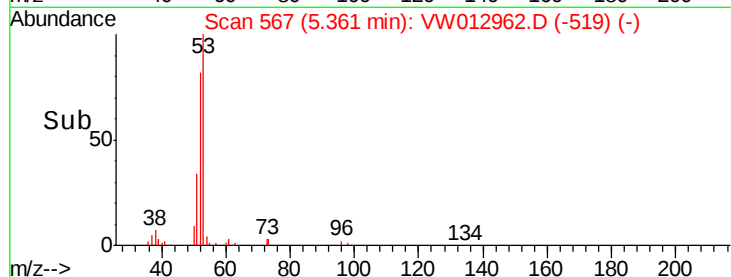
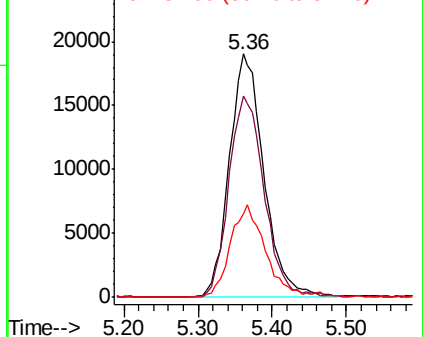
53 100

52 84.2 66.6 100.0

51 38.1 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 88.399 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012962.D

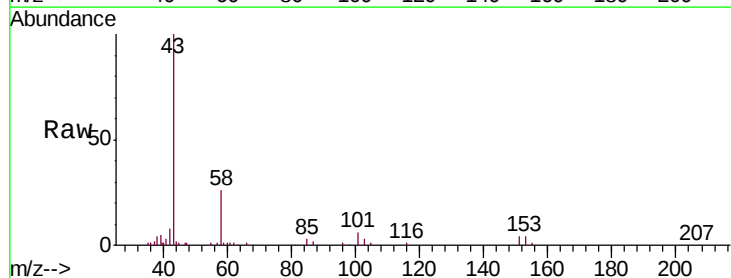
Acq: 13 Sep 2019 19:40

Tgt Ion: 43 Resp: 58487

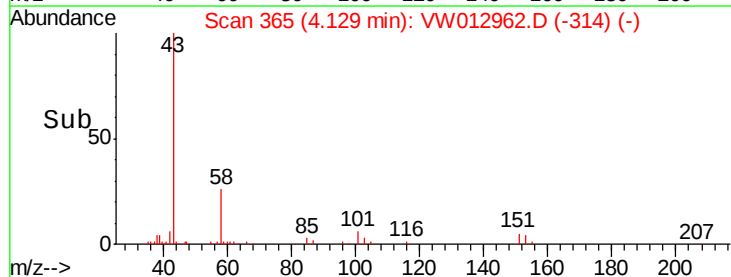
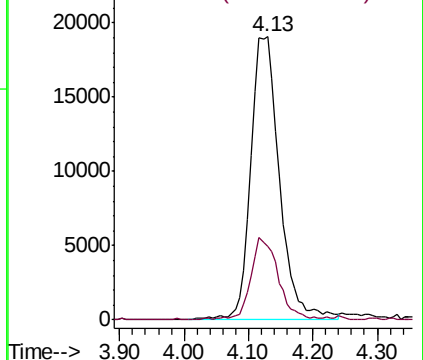
Ion Ratio Lower Upper

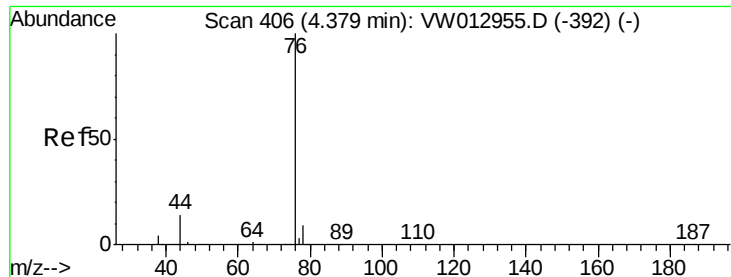
43 100

58 25.9 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

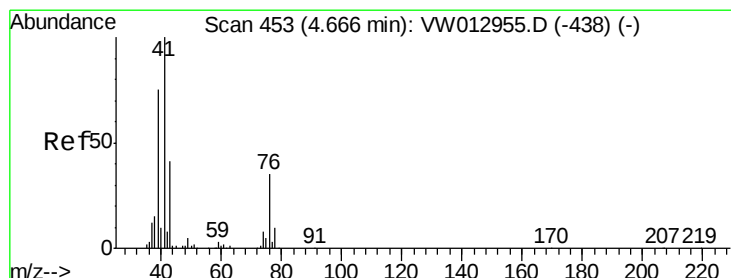
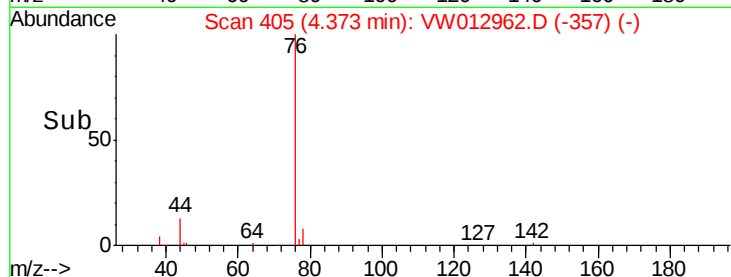
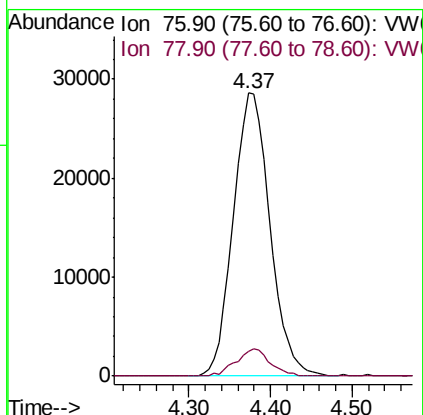
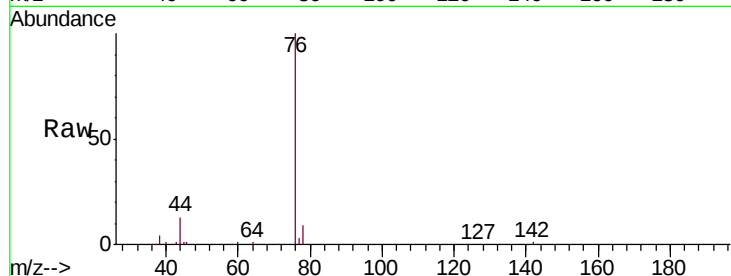




#17
Carbon Disulfide
Concen: 22.463 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW012962.D
Acq: 13 Sep 2019 19:40

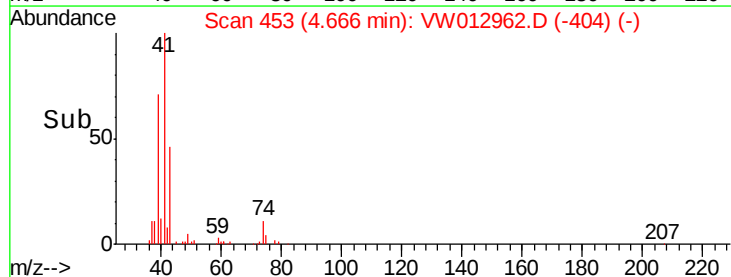
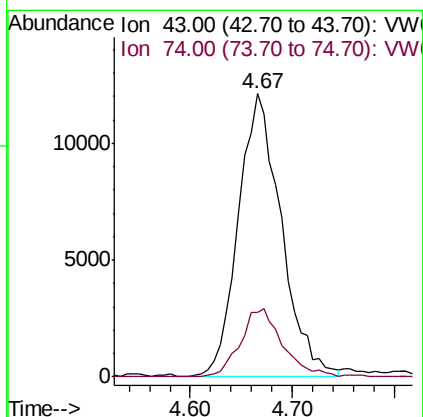
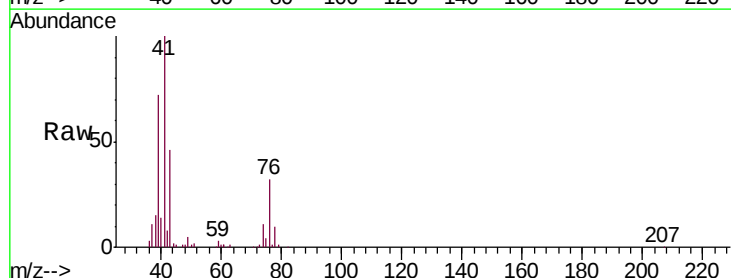
Instrument :
MSVOA_W
ClientSampleId :
VW0914SBS01

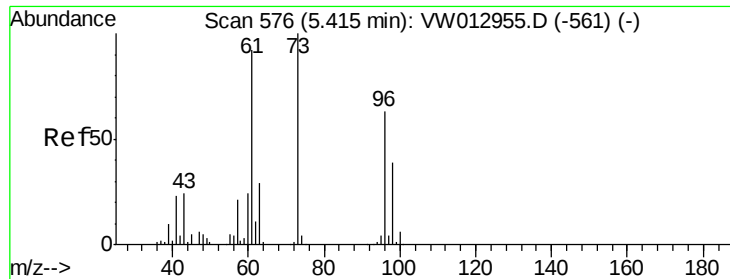
Tgt Ion: 76 Resp: 89254
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4



#18
Methyl Acetate
Concen: 23.333 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW012962.D
Acq: 13 Sep 2019 19:40

Tgt Ion: 43 Resp: 35464
Ion Ratio Lower Upper
43 100
74 23.5 17.8 26.8

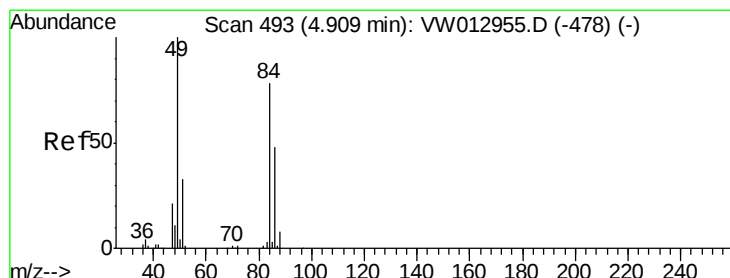
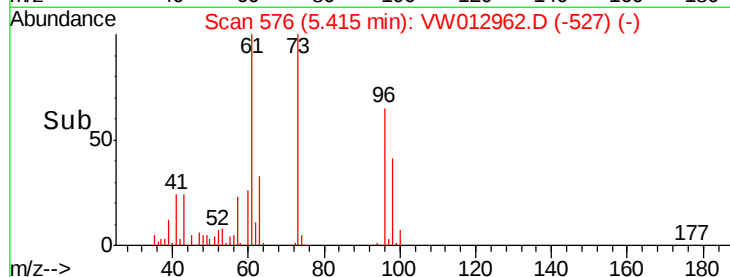
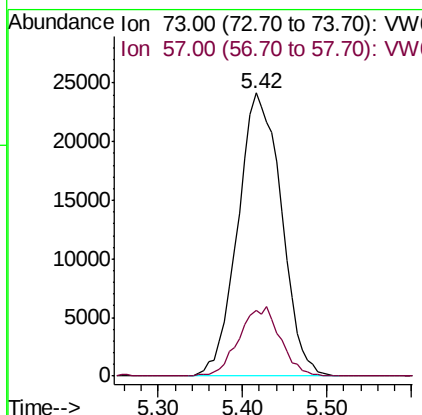
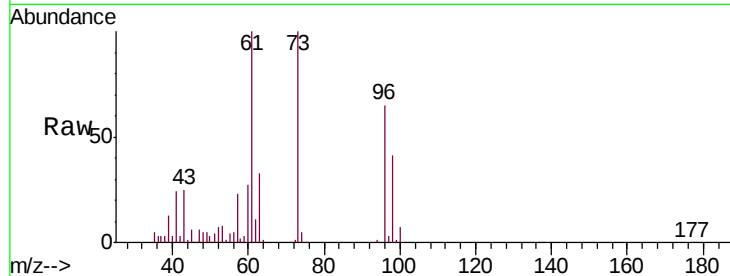




#19
Methyl tert-butyl Ether
Concen: 21.568 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.00 min
Lab File: VW012962.D
Acq: 13 Sep 2019 19:40

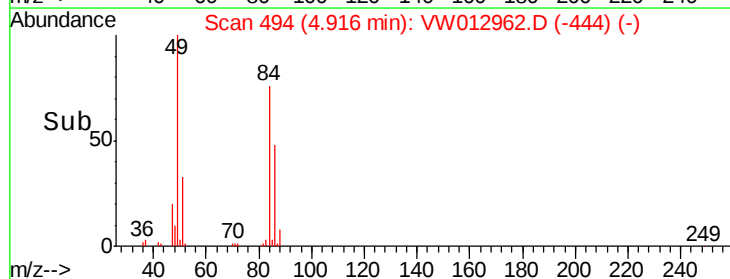
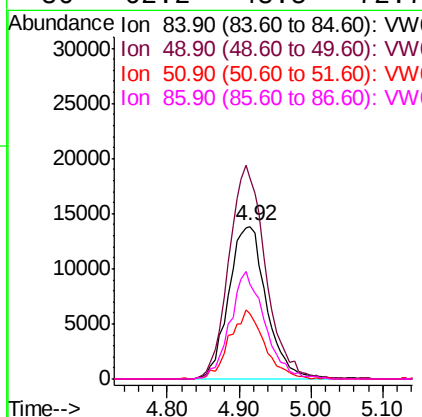
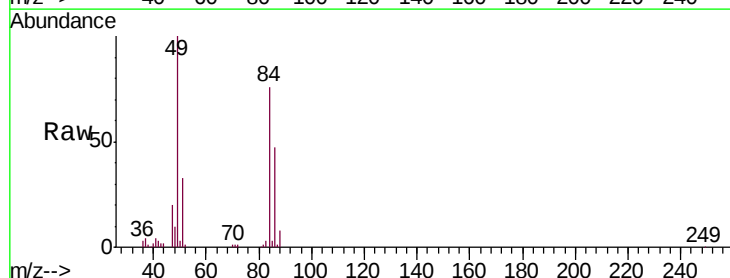
Instrument :
MSVOA_W
ClientSampleId :
VW0914SBS01

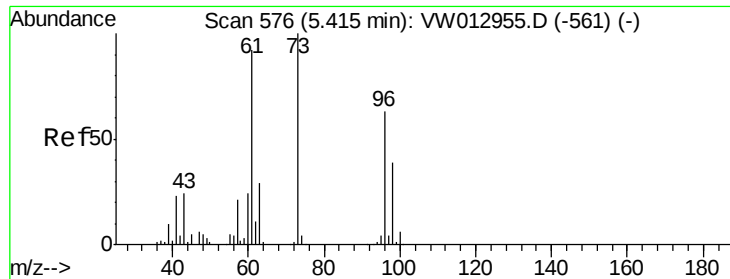
Tgt Ion: 73 Resp: 84886
Ion Ratio Lower Upper
73 100
57 23.2 16.4 24.6



#20
Methylene Chloride
Concen: 20.244 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW012962.D
Acq: 13 Sep 2019 19:40

Tgt Ion: 84 Resp: 50284
Ion Ratio Lower Upper
84 100
49 131.5 102.0 153.0
51 42.9 34.0 51.0
86 62.2 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 21.812 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW012962.D

Acq: 13 Sep 2019 19:40

Instrument :

MSVOA_W

ClientSampleId :

VW0914SBS01

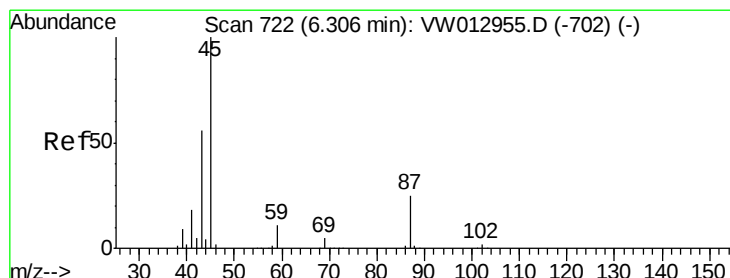
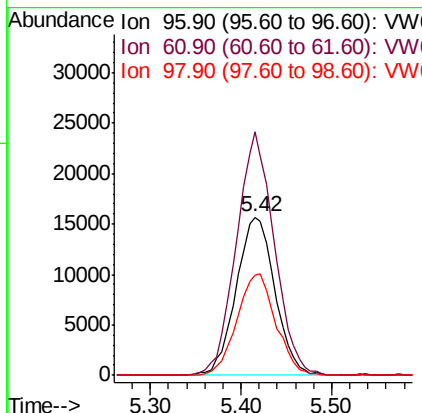
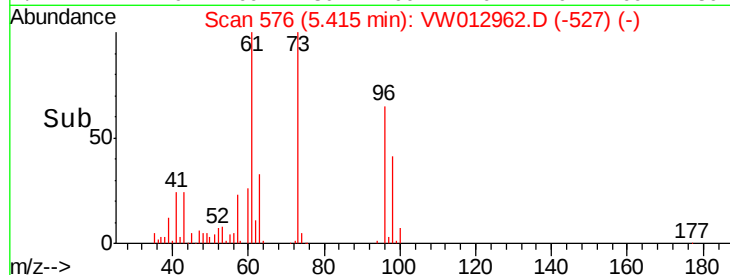
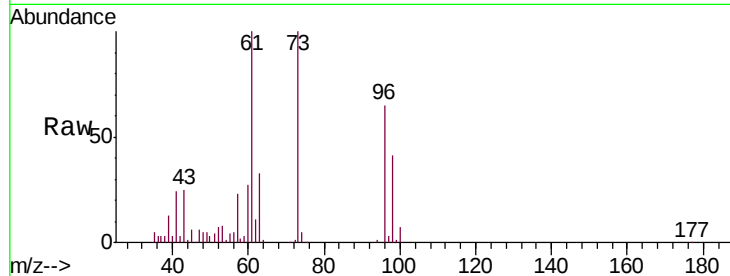
Tgt Ion: 96 Resp: 46578

Ion Ratio Lower Upper

96 100

61 154.0 116.2 174.2

98 63.6 49.8 74.6



#22

Diisopropyl ether

Concen: 21.234 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW012962.D

Acq: 13 Sep 2019 19:40

Tgt Ion: 45 Resp: 166970

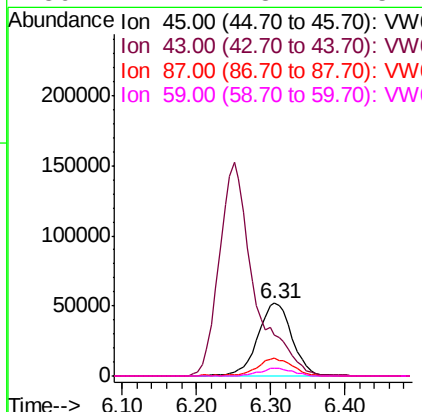
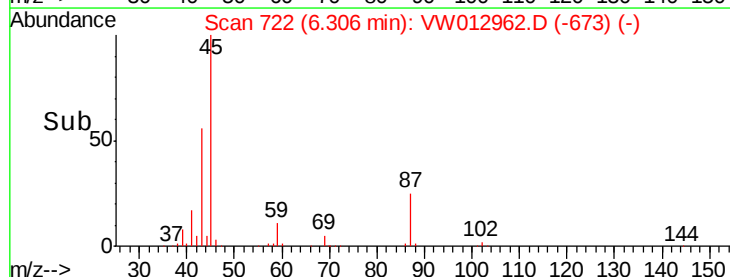
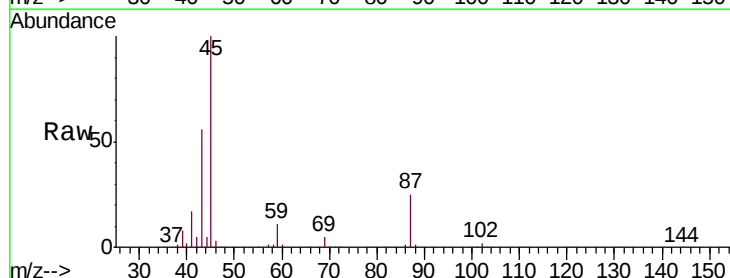
Ion Ratio Lower Upper

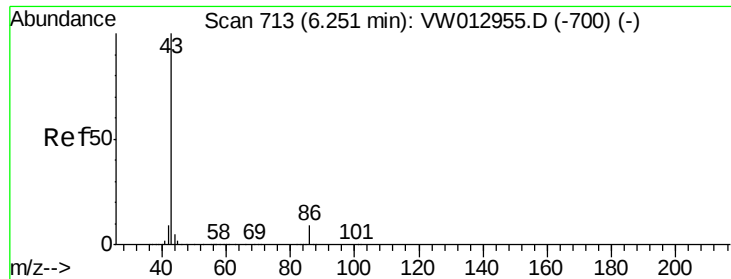
45 100

43 55.9 44.6 67.0

87 25.1 20.0 30.0

59 11.2 8.7 13.1





#23

Vinyl Acetate

Concen: 105.631 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012962.D

Acq: 13 Sep 2019 19:40

Instrument :

MSVOA_W

ClientSampleId :

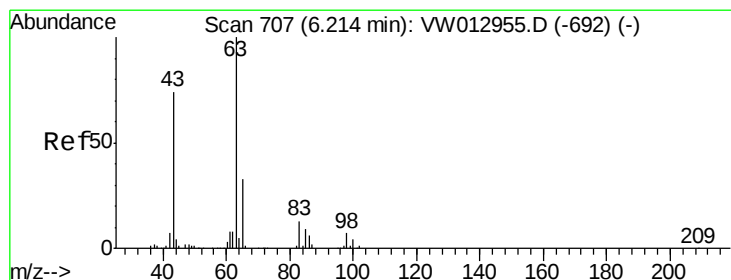
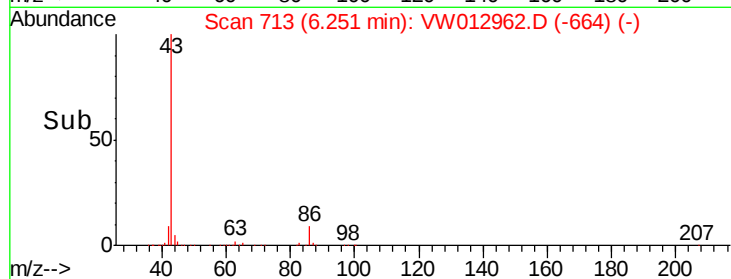
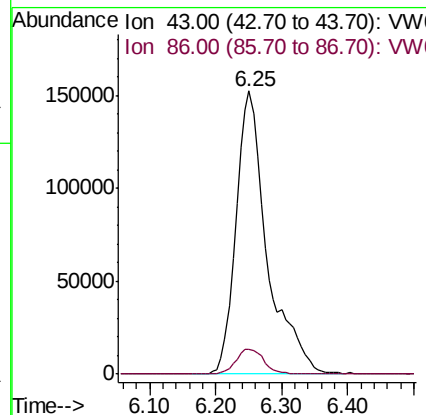
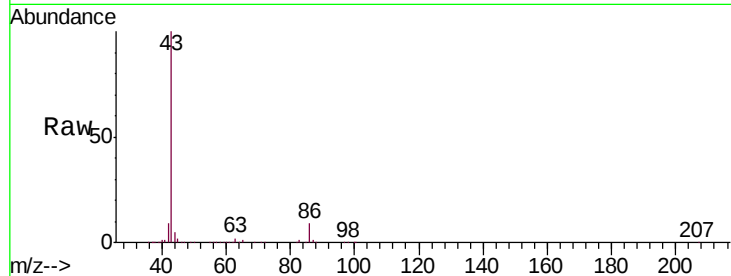
VW0914SBS01

Tgt Ion: 43 Resp: 497492

Ion Ratio Lower Upper

43 100

86 8.7 7.0 10.6



#24

1,1-Dichloroethane

Concen: 20.458 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012962.D

Acq: 13 Sep 2019 19:40

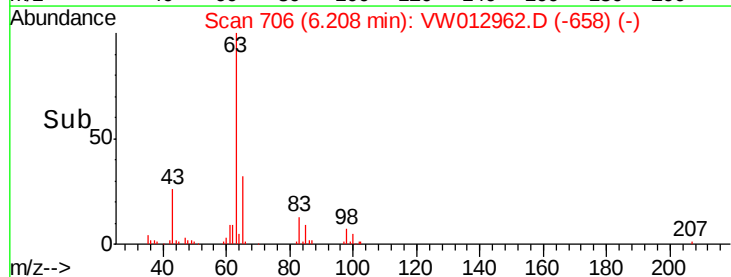
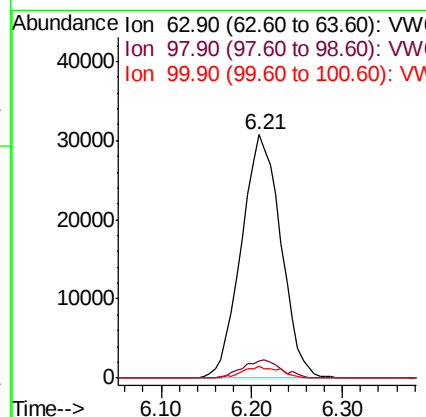
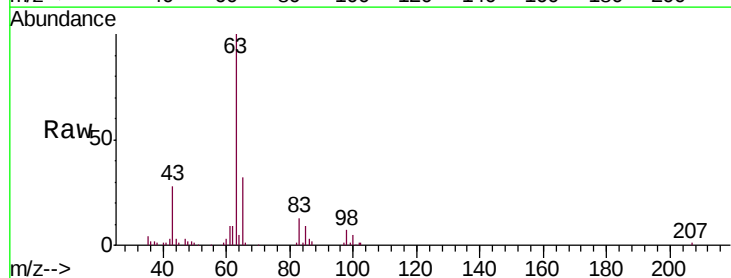
Tgt Ion: 63 Resp: 92753

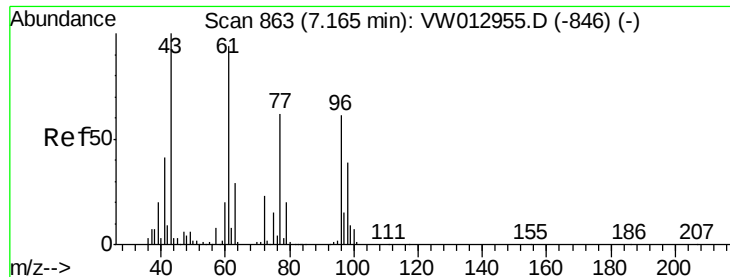
Ion Ratio Lower Upper

63 100

98 7.3 3.3 9.9

100 4.6 1.8 5.5





#25

2-Butanone

Concen: 103.333 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW012962.D

Acq: 13 Sep 2019 19:40

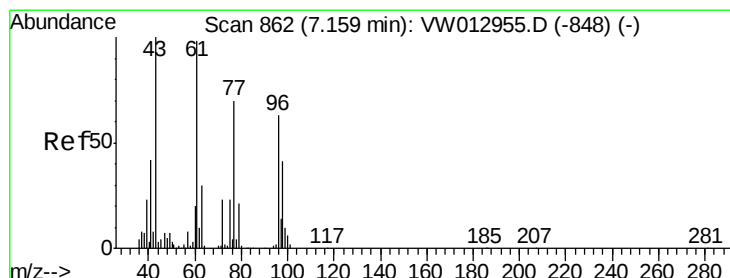
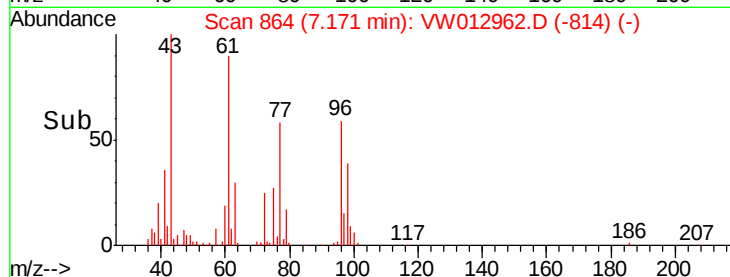
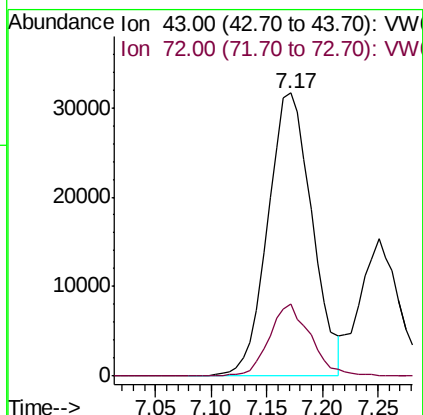
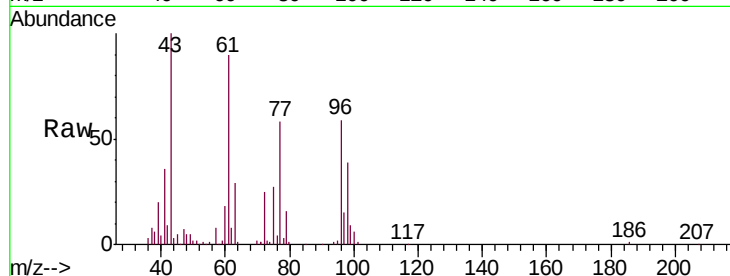
Instrument :
MSVOA_W
ClientSampleId :
VW0914SBS01

Tgt Ion: 43 Resp: 87656

Ion Ratio Lower Upper

43 100

72 25.3 18.2 27.4



#26

2,2-Dichloropropane

Concen: 18.922 ug/l

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW012962.D

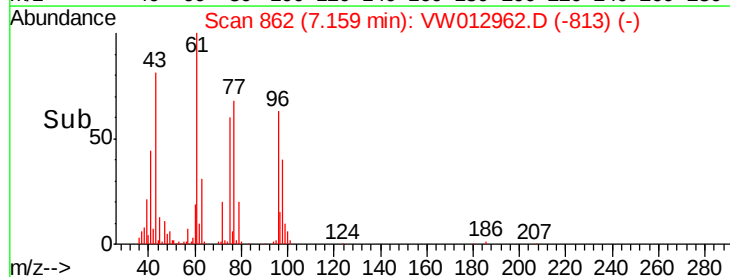
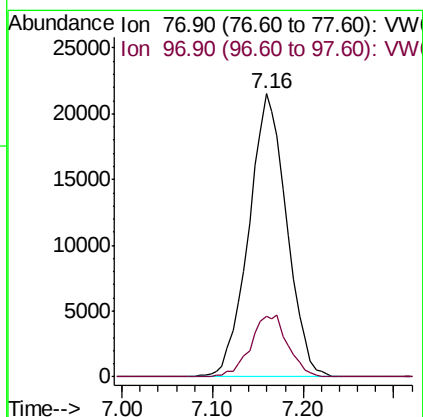
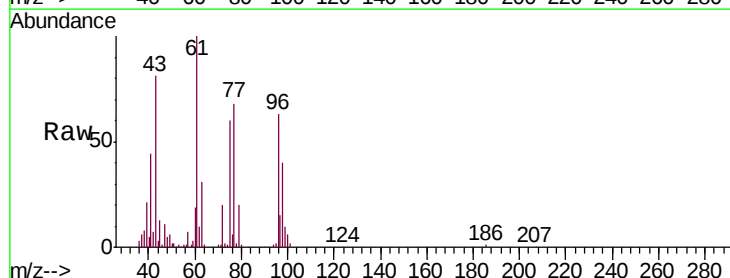
Acq: 13 Sep 2019 19:40

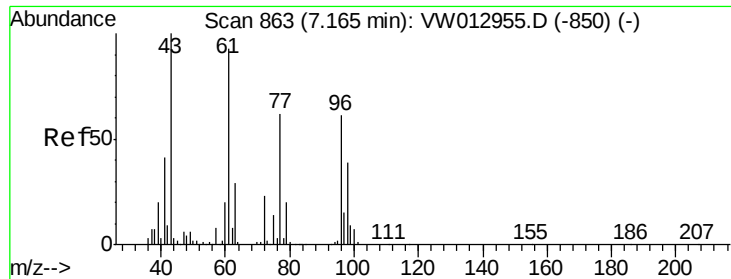
Tgt Ion: 77 Resp: 62199

Ion Ratio Lower Upper

77 100

97 21.4 10.7 32.1



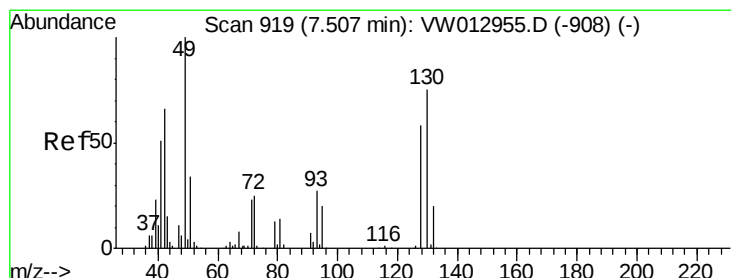
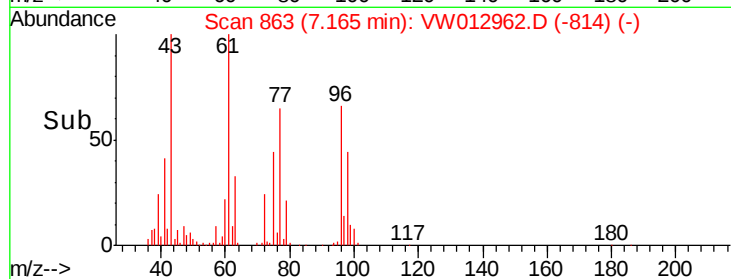
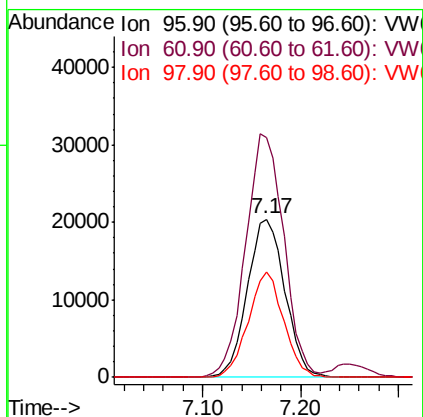
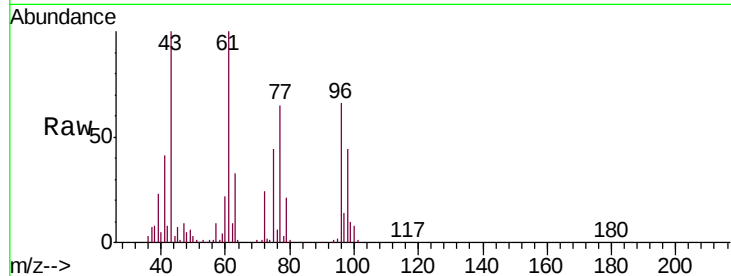


#27

cis-1,2-Dichloroethene
Concen: 21.248 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW012962.D
Acq: 13 Sep 2019 19:40

Instrument :
MSVOA_W
ClientSampleId :
VW0914SBS01

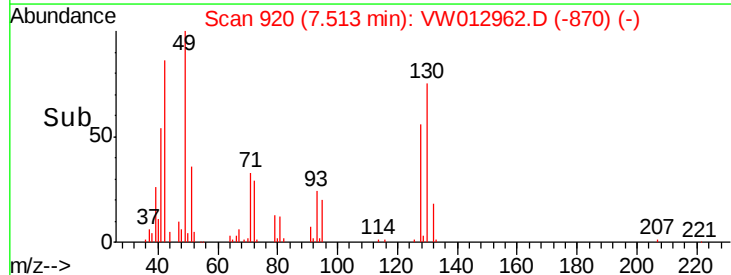
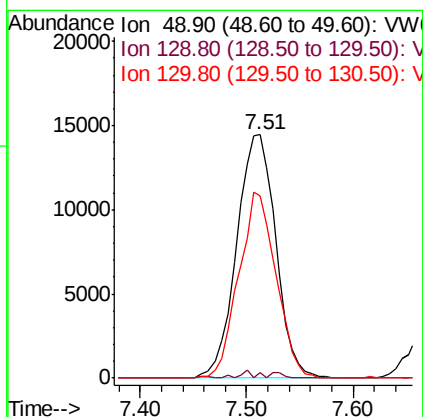
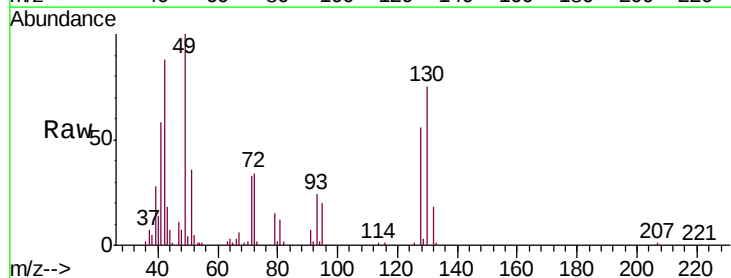
Tgt Ion: 96 Resp: 54322
Ion Ratio Lower Upper
96 100
61 156.3 0.0 315.4
98 62.8 0.0 131.0

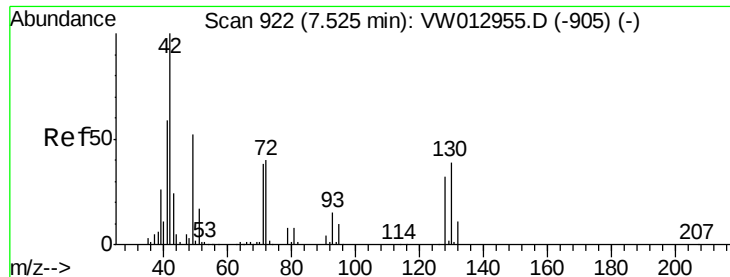


#28

Bromochloromethane
Concen: 19.504 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW012962.D
Acq: 13 Sep 2019 19:40

Tgt Ion: 49 Resp: 37218
Ion Ratio Lower Upper
49 100
129 0.8 0.0 1.4
130 72.9 57.8 86.6

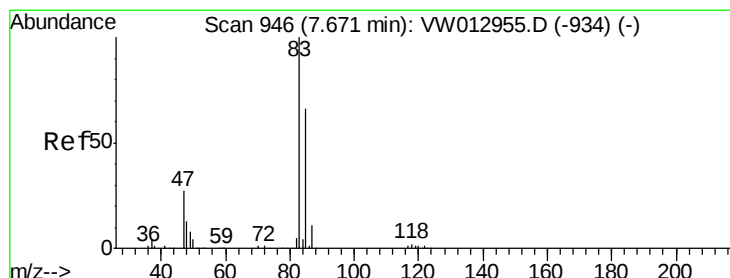
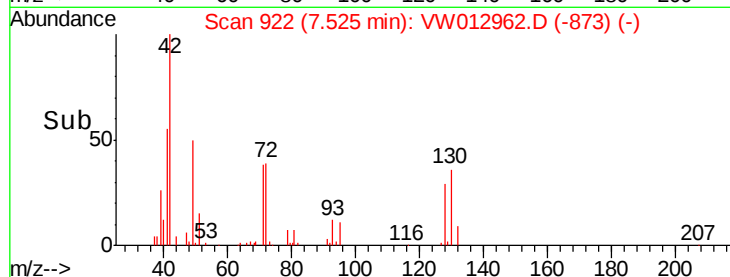
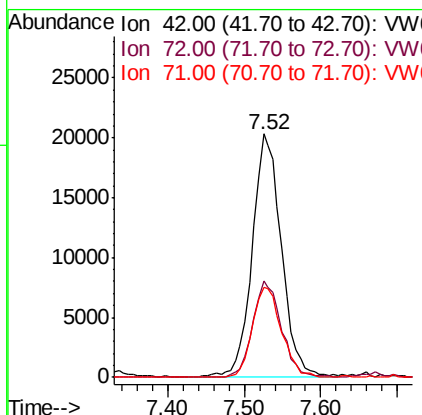
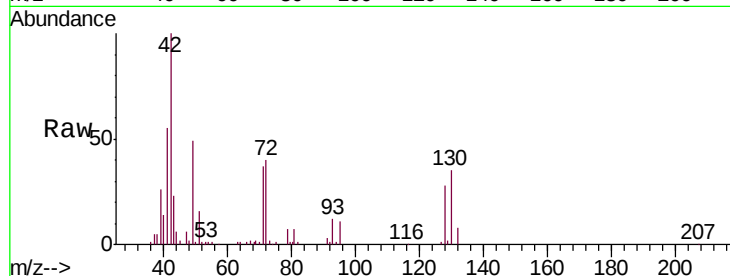




#29
Tetrahydrofuran
Concen: 112.275 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW012962.D
Acq: 13 Sep 2019 19:40

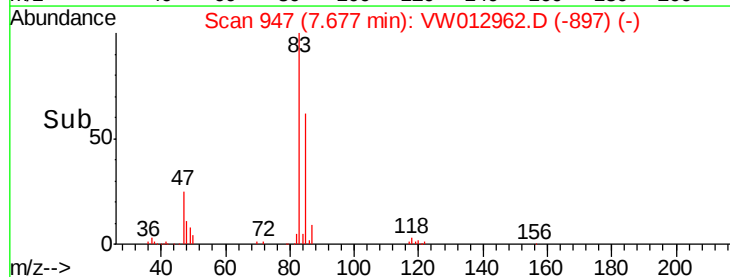
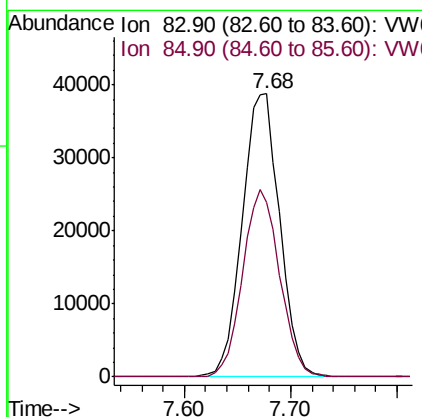
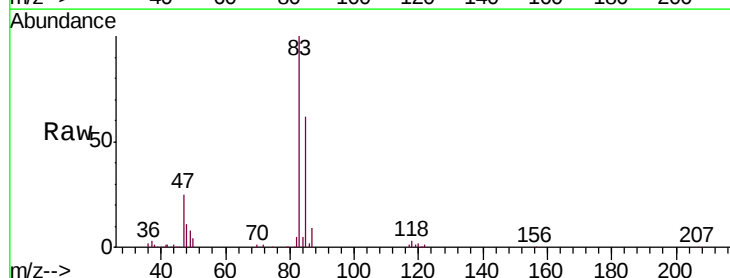
Instrument :
MSVOA_W
ClientSampleId :
VW0914SBS01

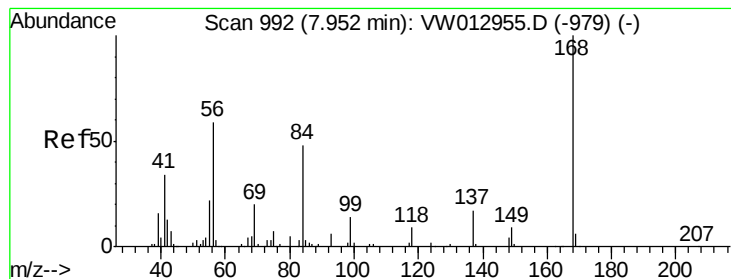
Tgt Ion: 42 Resp: 54267
Ion Ratio Lower Upper
42 100
72 38.4 31.4 47.0
71 36.9 29.8 44.8



#30
Chloroform
Concen: 20.780 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW012962.D
Acq: 13 Sep 2019 19:40

Tgt Ion: 83 Resp: 95725
Ion Ratio Lower Upper
83 100
85 61.7 52.8 79.2





#31

Cyclohexane

Concen: 20.574 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW012962.D

Acq: 13 Sep 2019 19:40

Instrument :

MSVOA_W

ClientSampled :

VW0914SBS01

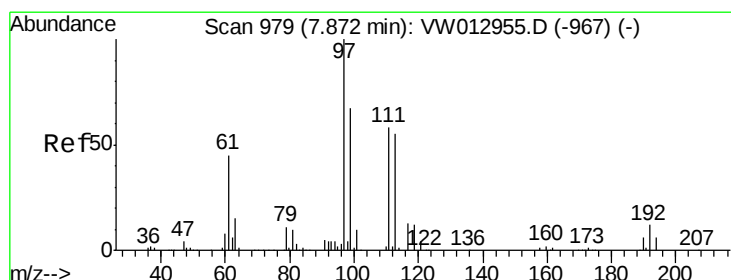
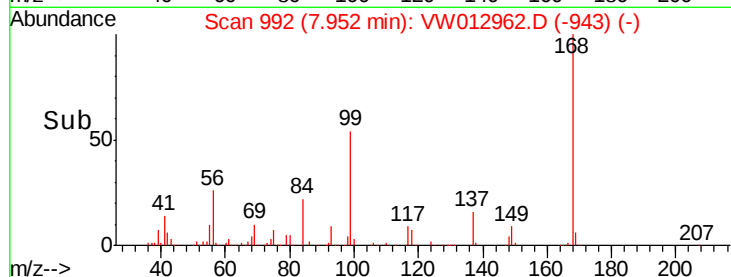
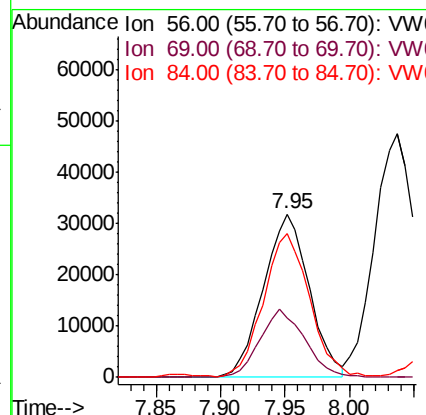
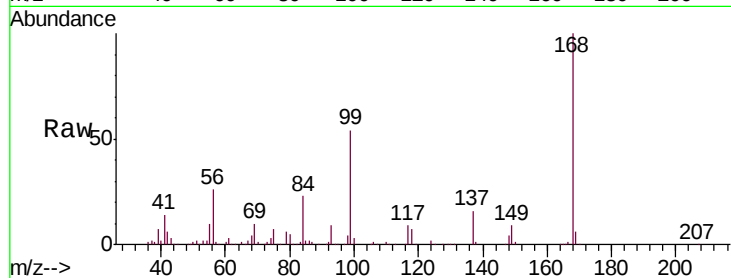
Tgt Ion: 56 Resp: 78535

Ion Ratio Lower Upper

56 100

69 36.6 27.0 40.6

84 86.7 66.2 99.2



#32

1,1,1-Trichloroethane

Concen: 20.447 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW012962.D

Acq: 13 Sep 2019 19:40

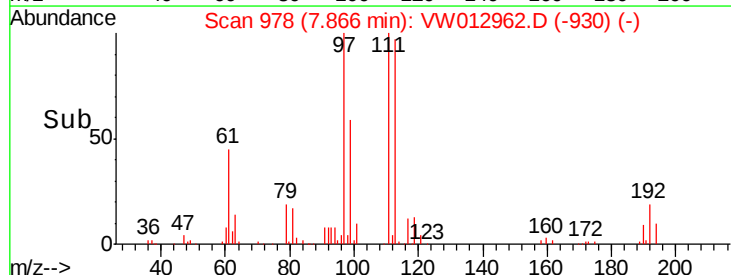
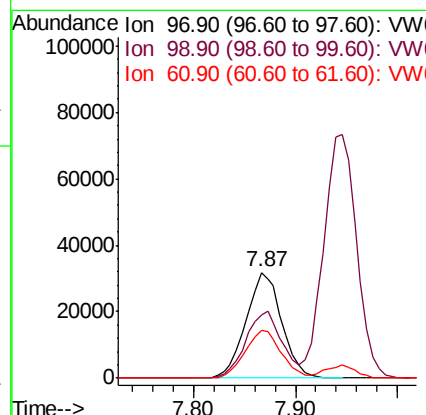
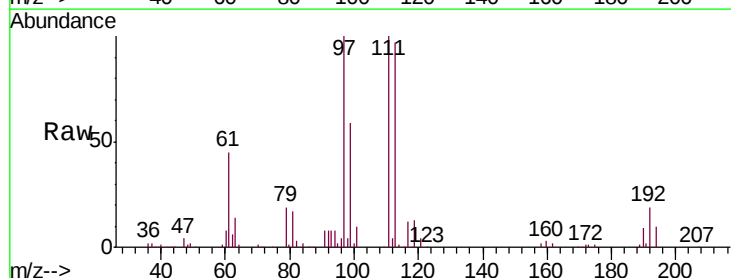
Tgt Ion: 97 Resp: 77571

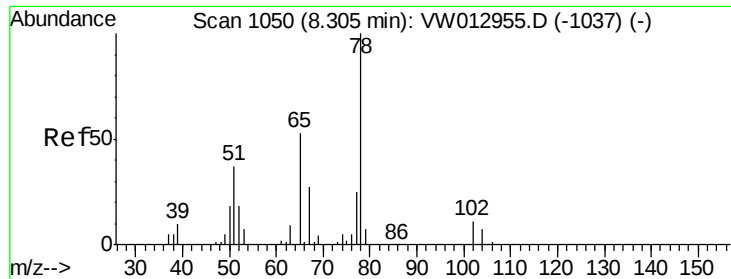
Ion Ratio Lower Upper

97 100

99 63.9 53.0 79.4

61 46.5 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 52.543 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012962.D

Acq: 13 Sep 2019 19:40

Instrument :

MSVOA_W

ClientSampleId :

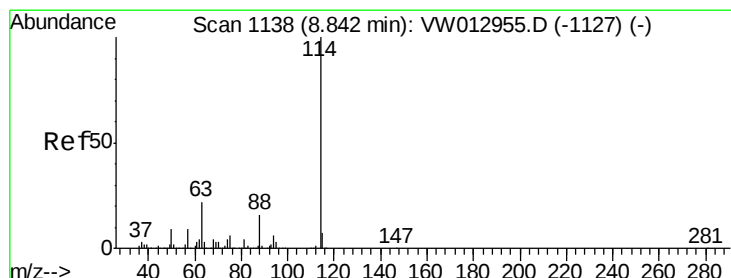
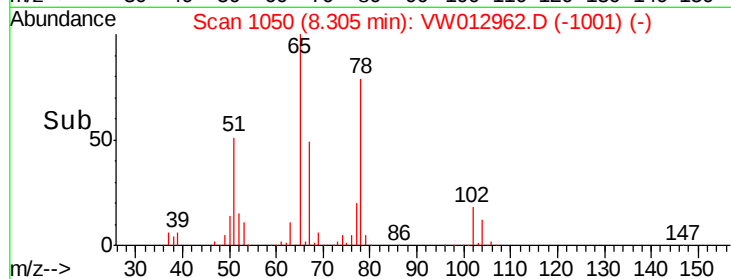
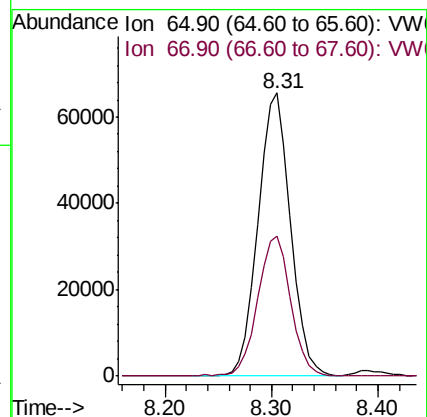
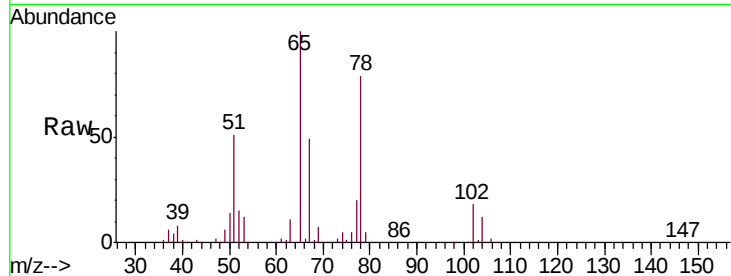
VW0914SBS01

Tgt Ion: 65 Resp: 140172

Ion Ratio Lower Upper

65 100

67 50.5 0.0 101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012962.D

Acq: 13 Sep 2019 19:40

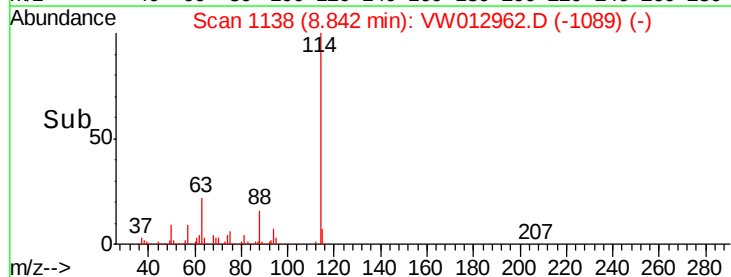
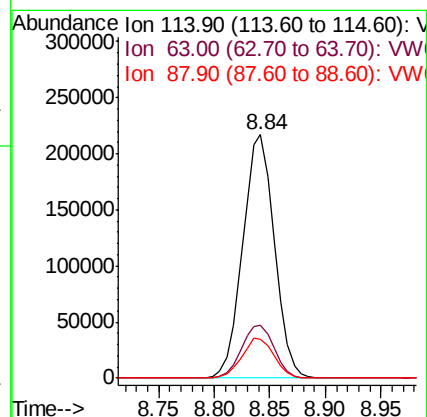
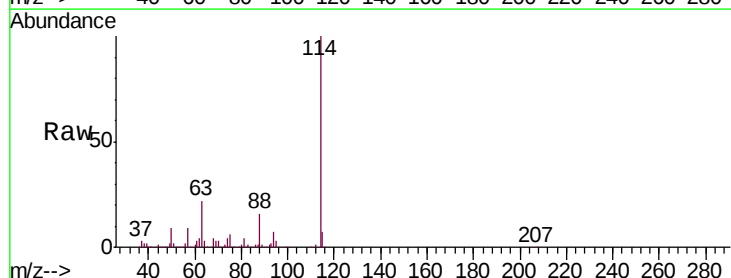
Tgt Ion: 114 Resp: 428131

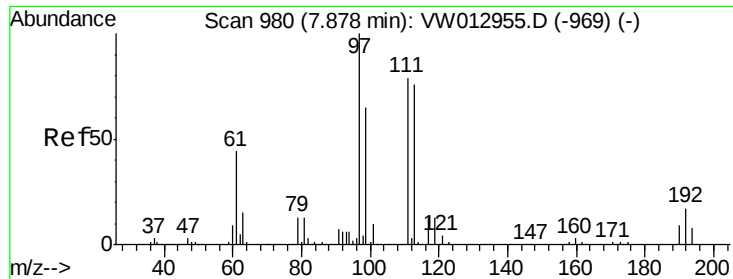
Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.4

88 16.2 0.0 31.6

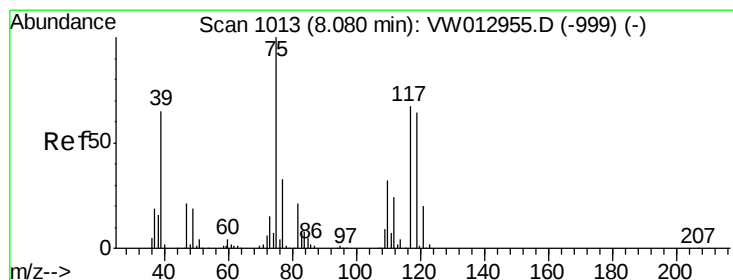
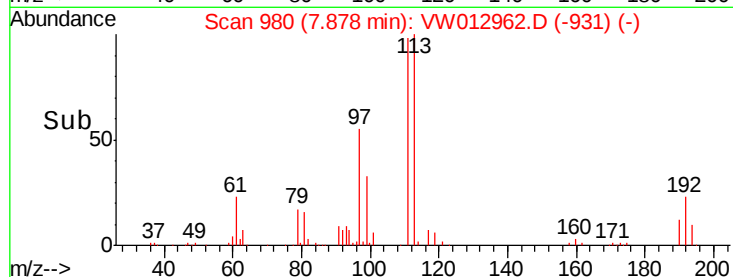
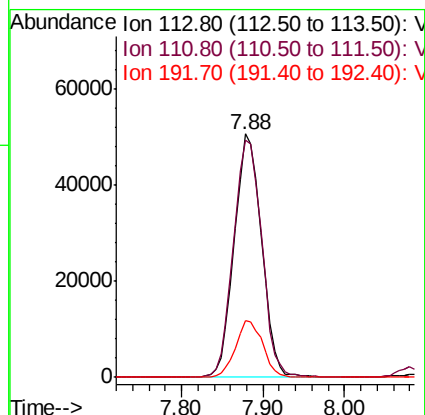
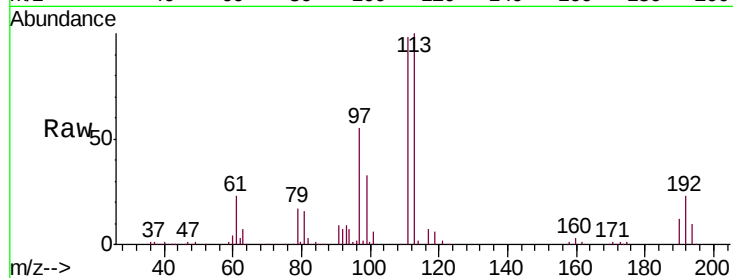




#35
 Dibromofluoromethane
 Concen: 50.473 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW012962.D
 Acq: 13 Sep 2019 19:40

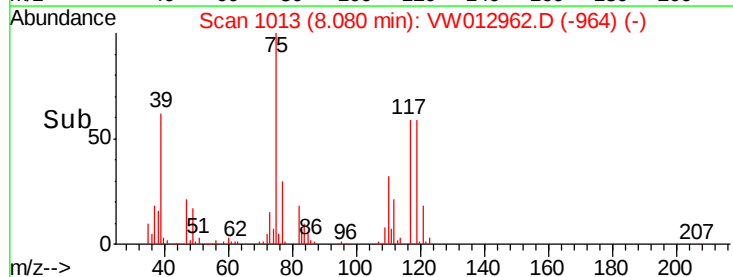
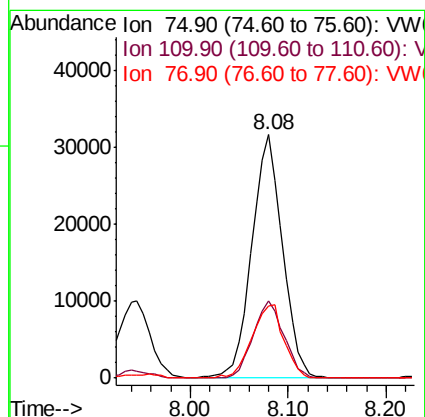
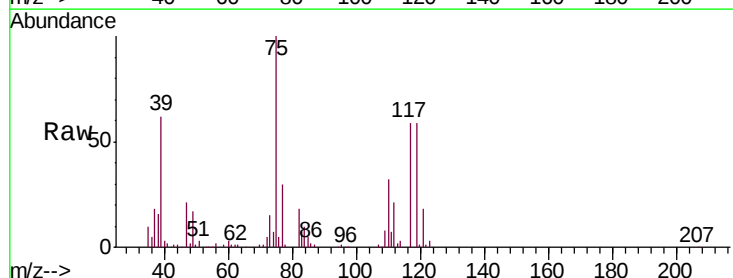
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0914SBS01

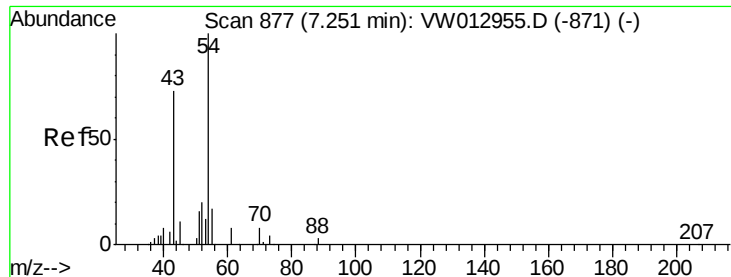
Tgt Ion: 113 Resp: 117254
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.8 124.2
 192 22.9 17.8 26.8



#36
 1,1-Dichloropropene
 Concen: 20.149 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012962.D
 Acq: 13 Sep 2019 19:40

Tgt Ion: 75 Resp: 68931
 Ion Ratio Lower Upper
 75 100
 110 31.8 16.4 49.1
 77 31.3 25.1 37.7

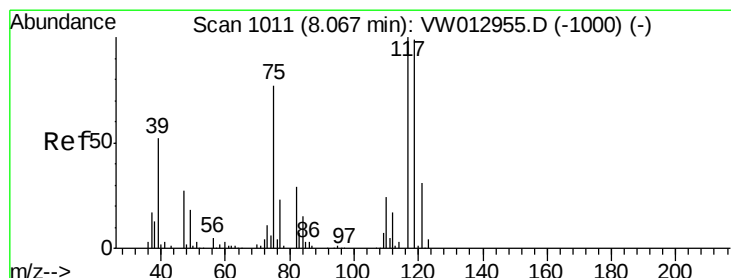
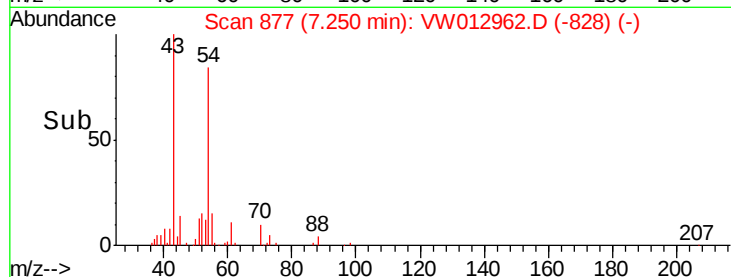
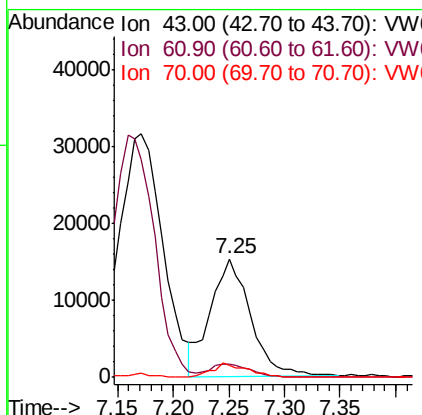
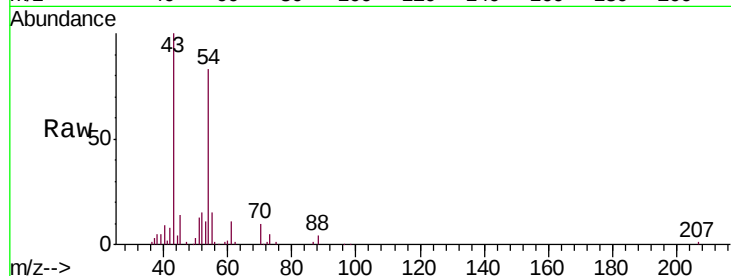




#37
Ethyl Acetate
Concen: 21.143 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012962.D
Acq: 13 Sep 2019 19:40

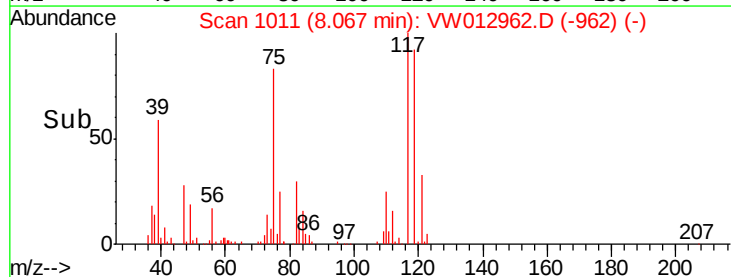
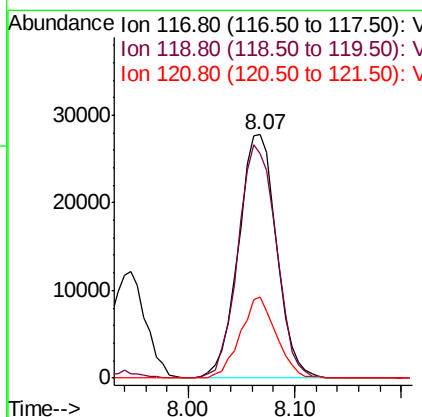
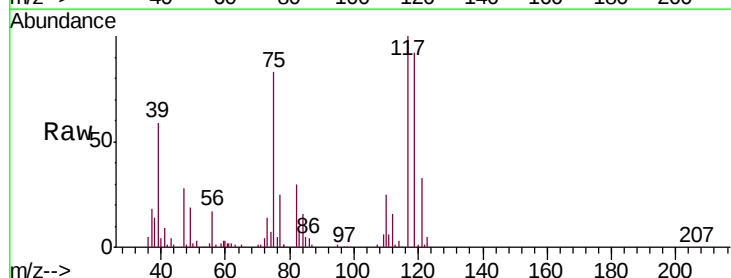
Instrument :
MSVOA_W
ClientSampleId :
VW0914SBS01

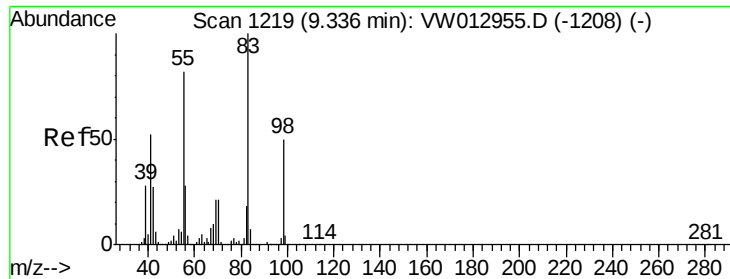
Tgt Ion: 43 Resp: 38394
Ion Ratio Lower Upper
43 100
61 11.7 9.6 14.4
70 10.6 7.6 11.4



#38
Carbon Tetrachloride
Concen: 19.973 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012962.D
Acq: 13 Sep 2019 19:40

Tgt Ion: 117 Resp: 70024
Ion Ratio Lower Upper
117 100
119 92.1 79.4 119.0
121 33.2 24.6 36.8

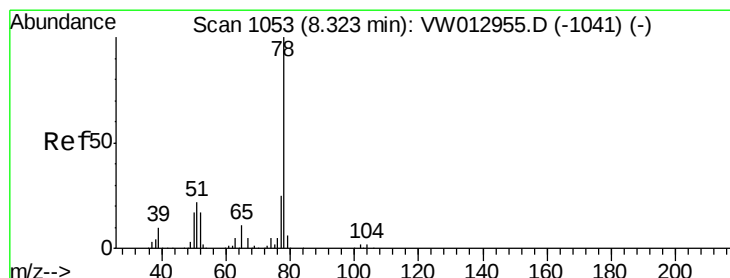
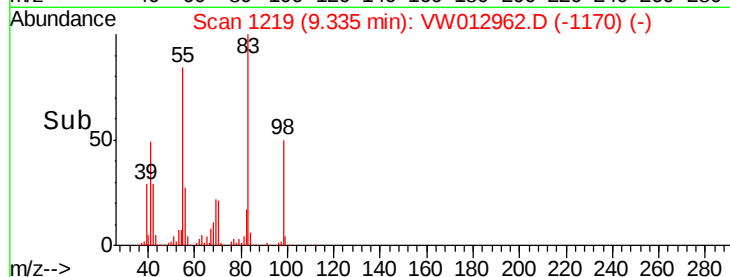
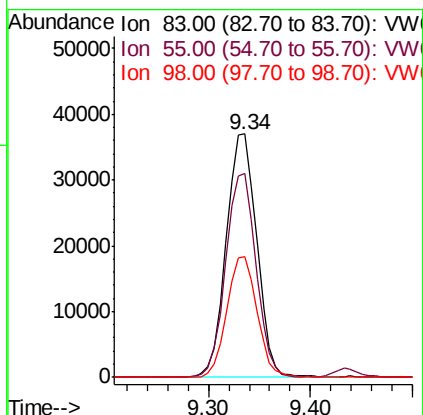
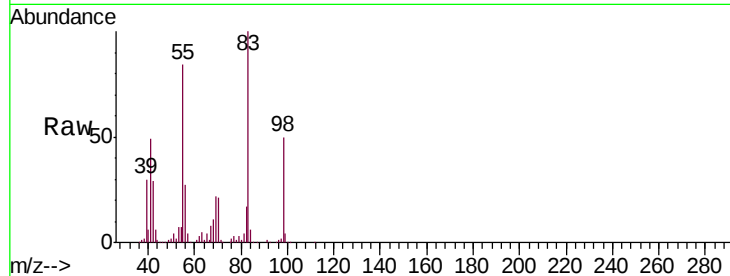




#39
Methylcyclohexane
Concen: 20.458 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012962.D
Acq: 13 Sep 2019 19:40

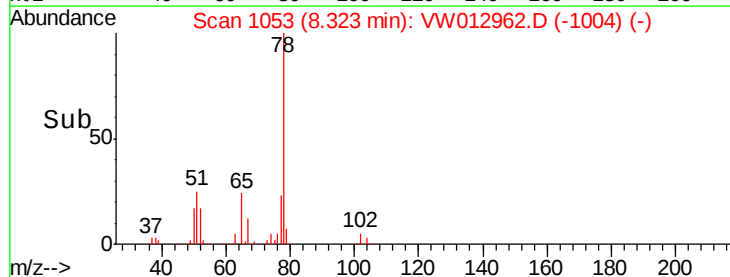
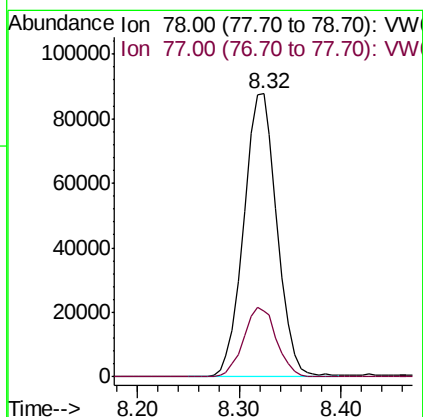
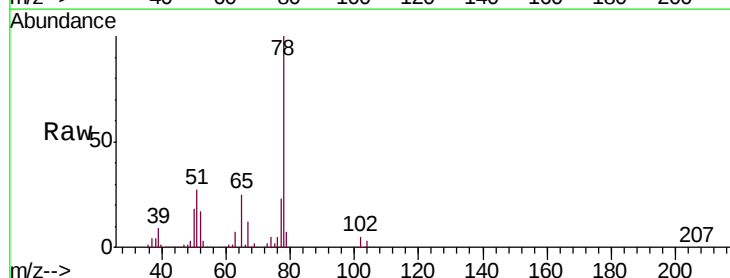
Instrument :
MSVOA_W
ClientSampleId :
VW0914SBS01

Tgt Ion: 83 Resp: 76695
Ion Ratio Lower Upper
83 100
55 83.4 65.9 98.9
98 49.6 39.6 59.4



#40
Benzene
Concen: 20.829 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012962.D
Acq: 13 Sep 2019 19:40

Tgt Ion: 78 Resp: 198926
Ion Ratio Lower Upper
78 100
77 23.2 19.6 29.4





#41

Methacrylonitrile

Concen: 19.667 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW012962.D

Acq: 13 Sep 2019 19:40

Instrument :

MSVOA_W

ClientSampleId :

VW0914SBS01

Tgt Ion: 41 Resp: 23519

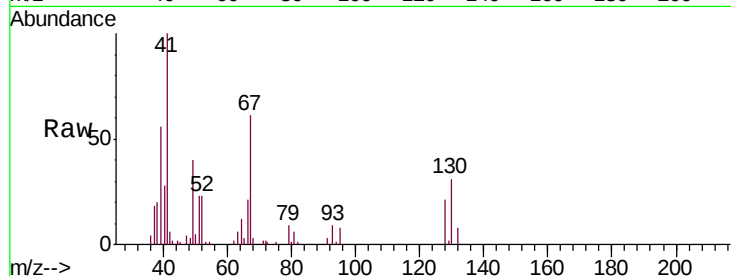
Ion Ratio Lower Upper

41 100

39 60.9 48.2 72.4

67 64.6 47.5 71.3

52 29.3 21.0 31.4

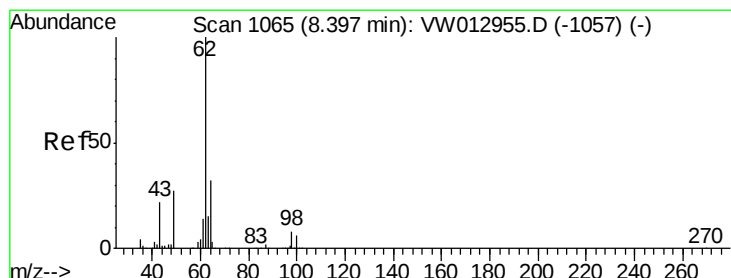
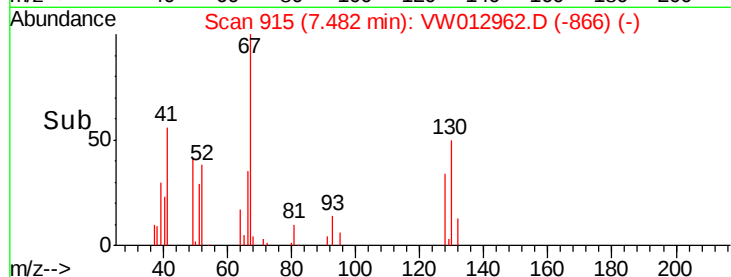
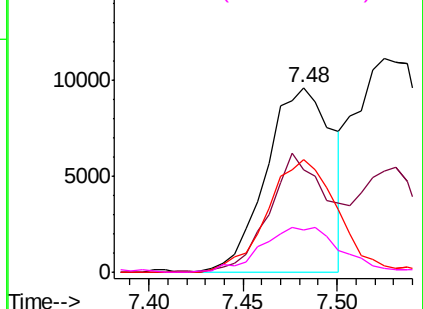


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 20.808 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW012962.D

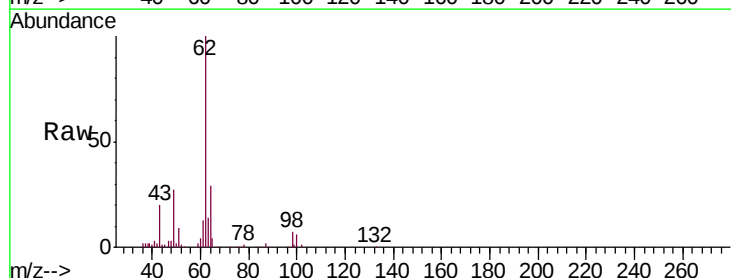
Acq: 13 Sep 2019 19:40

Tgt Ion: 62 Resp: 66617

Ion Ratio Lower Upper

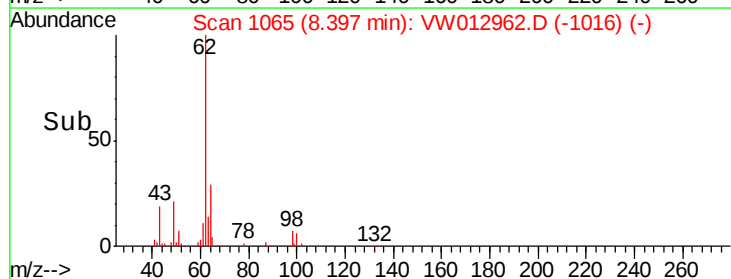
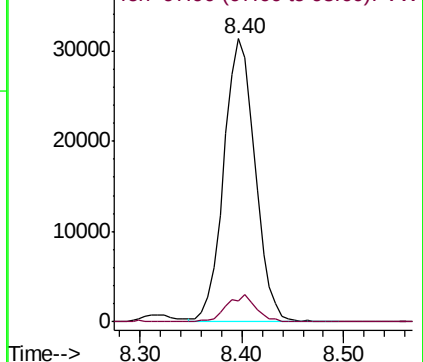
62 100

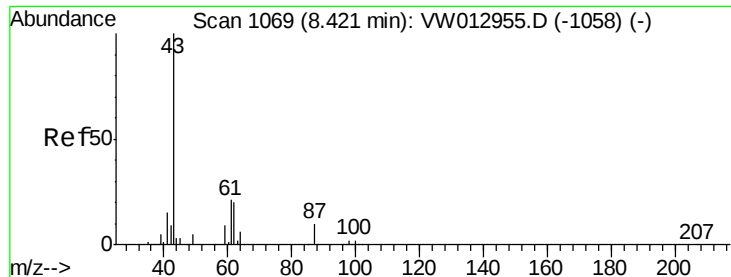
98 9.1 0.0 16.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 21.513 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012962.D

Acq: 13 Sep 2019 19:40

Instrument :

MSVOA_W

ClientSampleId :

VW0914SBS01

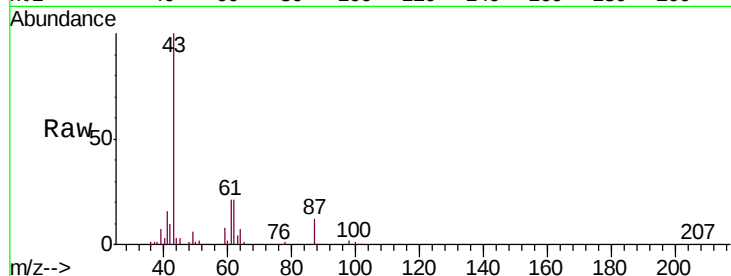
Tgt Ion: 43 Resp: 75007

Ion Ratio Lower Upper

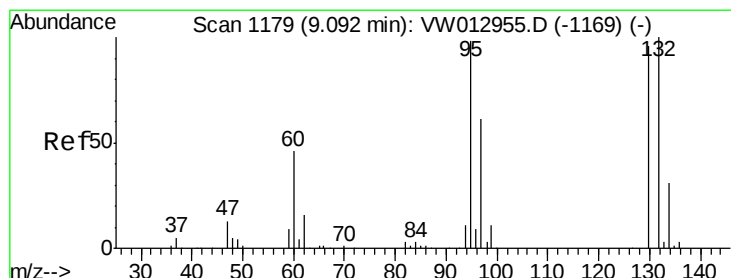
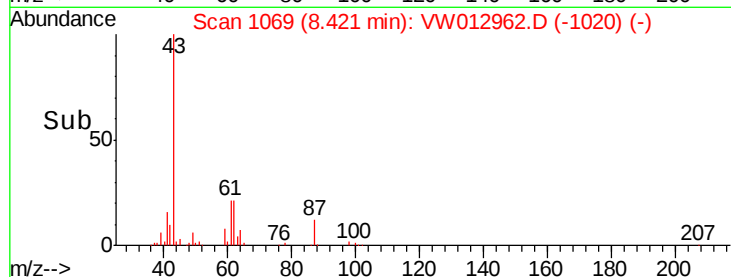
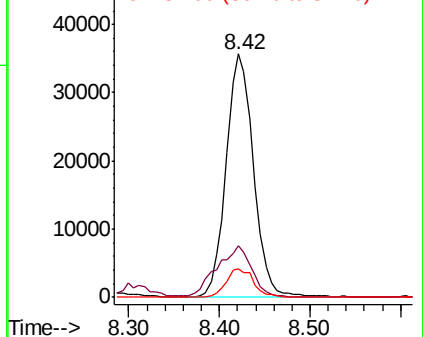
43 100

61 27.1 22.7 34.1

87 11.8 9.4 14.2



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 20.059 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW012962.D

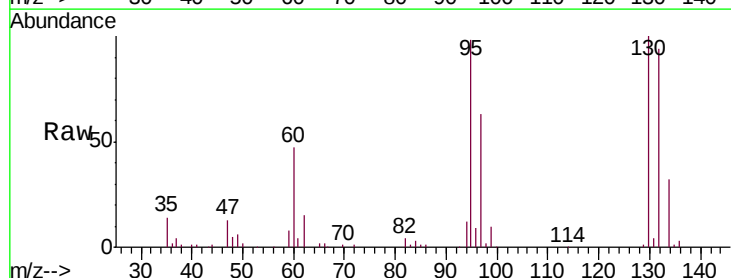
Acq: 13 Sep 2019 19:40

Tgt Ion: 130 Resp: 52474

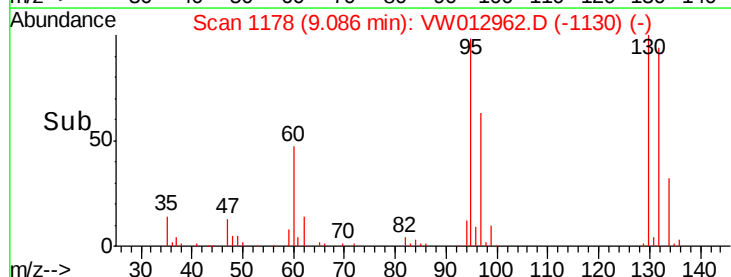
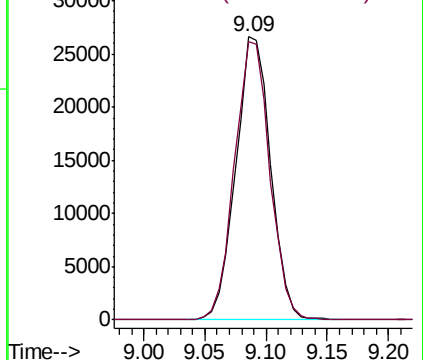
Ion Ratio Lower Upper

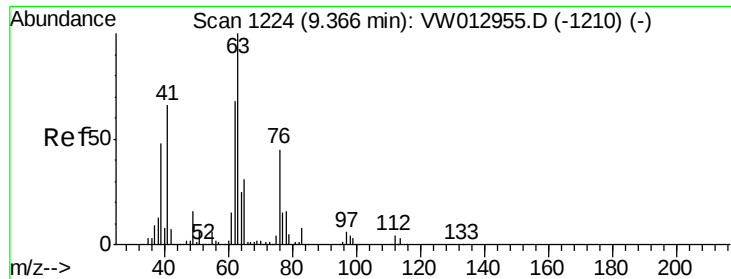
130 100

95 98.3 0.0 204.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW

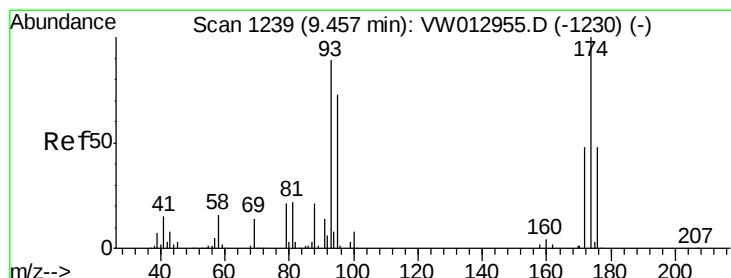
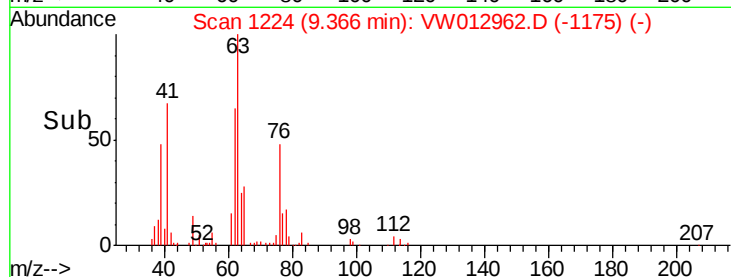
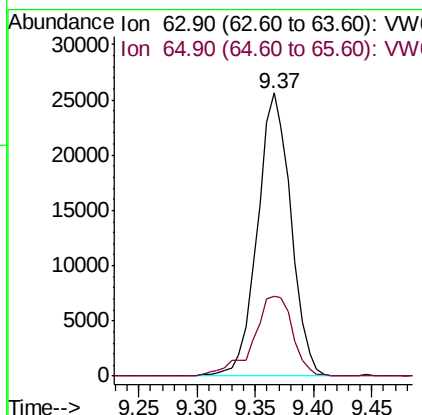
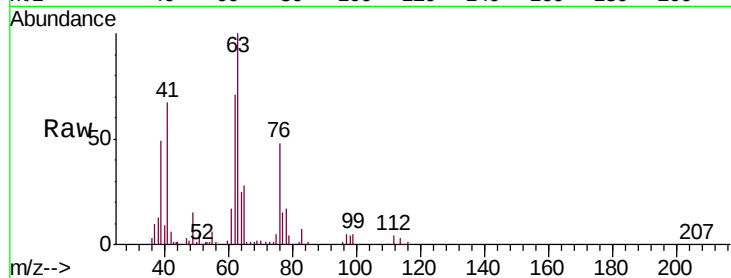




#45
 1,2-Dichloropropane
 Concen: 20.250 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012962.D
 Acq: 13 Sep 2019 19:40

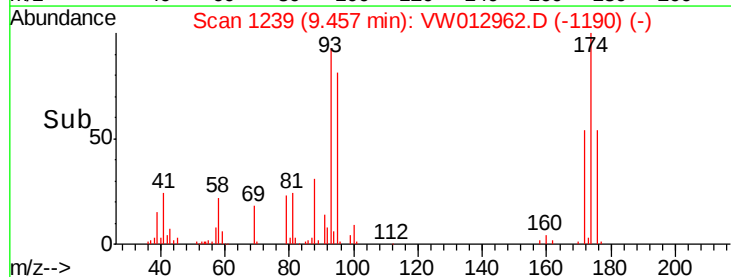
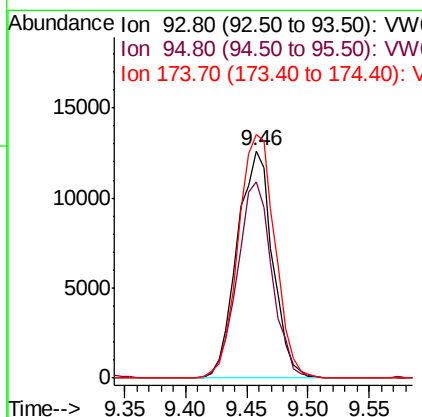
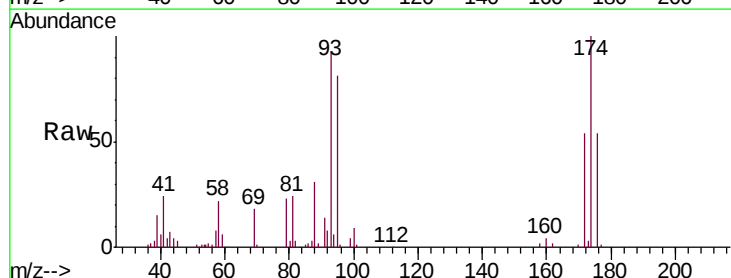
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0914SBS01

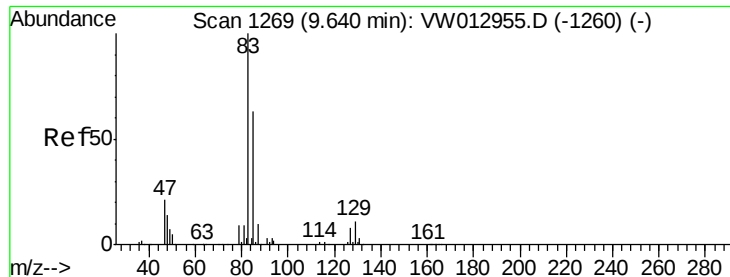
Tgt Ion: 63 Resp: 51384
 Ion Ratio Lower Upper
 63 100
 65 28.4 24.6 37.0



#46
 Dibromomethane
 Concen: 20.842 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012962.D
 Acq: 13 Sep 2019 19:40

Tgt Ion: 93 Resp: 25338
 Ion Ratio Lower Upper
 93 100
 95 84.5 67.0 100.4
 174 111.0 90.5 135.7





#47

Bromodichloromethane

Concen: 20.325 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW012962.D

Acq: 13 Sep 2019 19:40

Instrument :

MSVOA_W

ClientSampleId :

VW0914SBS01

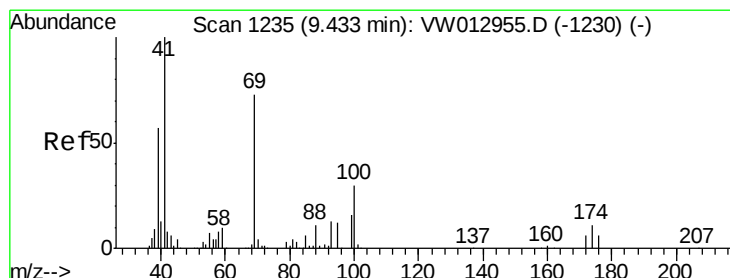
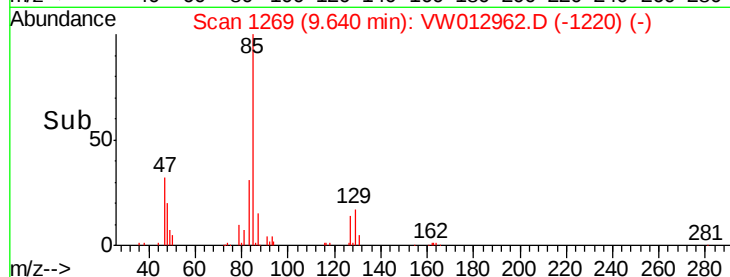
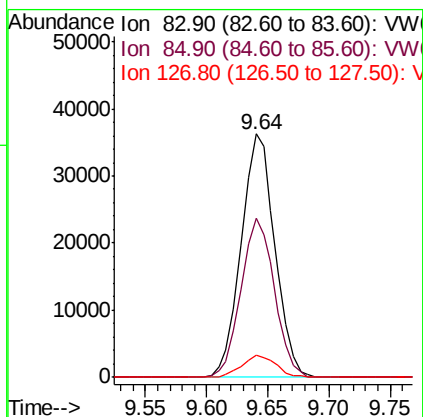
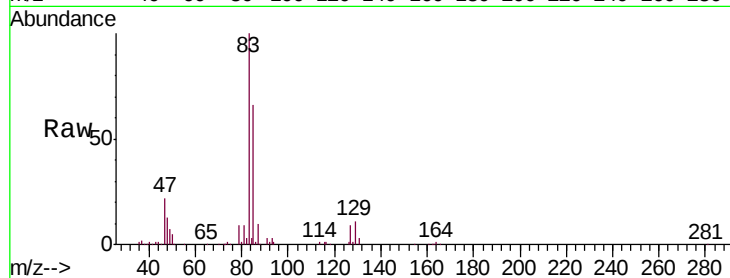
Tgt Ion: 83 Resp: 69310

Ion Ratio Lower Upper

83 100

85 65.5 50.6 75.8

127 9.0 6.7 10.1



#48

Methyl methacrylate

Concen: 20.927 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW012962.D

Acq: 13 Sep 2019 19:40

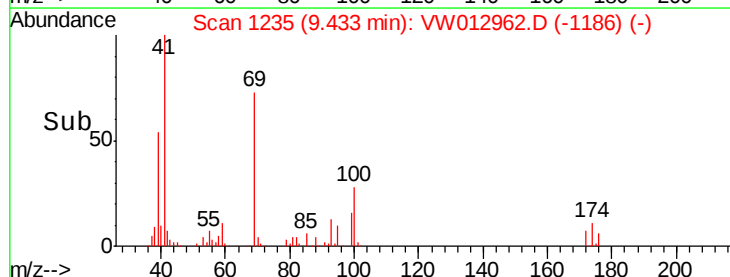
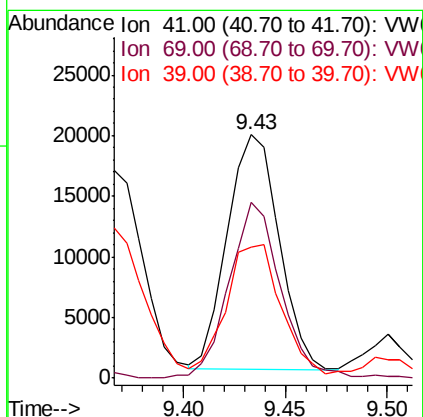
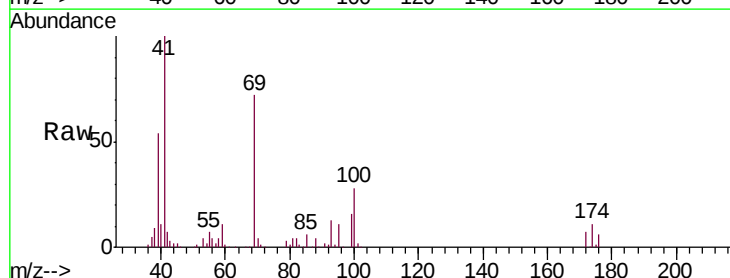
Tgt Ion: 41 Resp: 34243

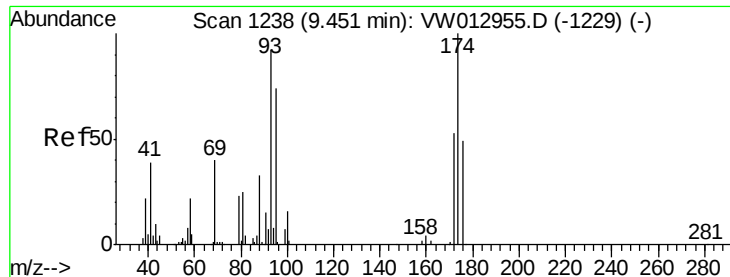
Ion Ratio Lower Upper

41 100

69 74.7 62.8 94.2

39 62.2 48.5 72.7





#49

1,4-Dioxane

Concen: 449.669 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW012962.D

Acq: 13 Sep 2019 19:40

Instrument :

MSVOA_W

ClientSampleId :

VW0914SBS01

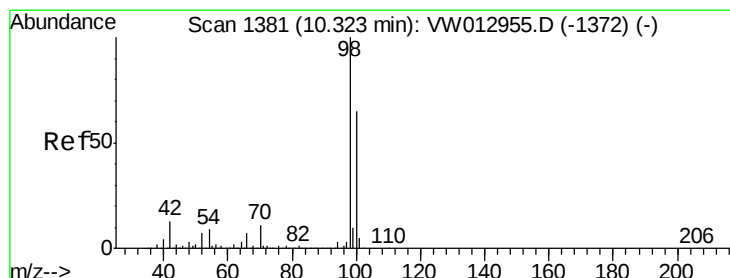
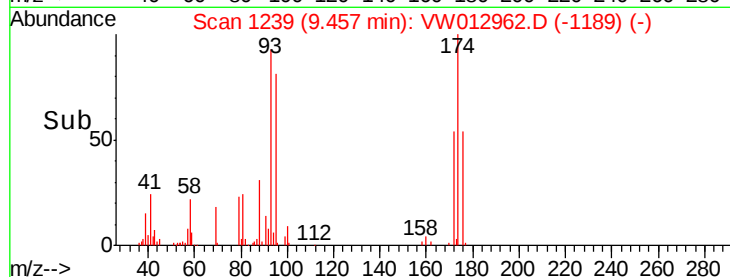
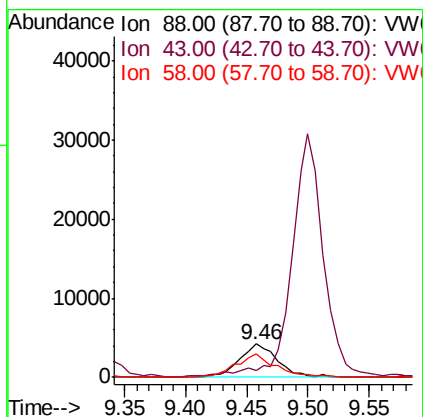
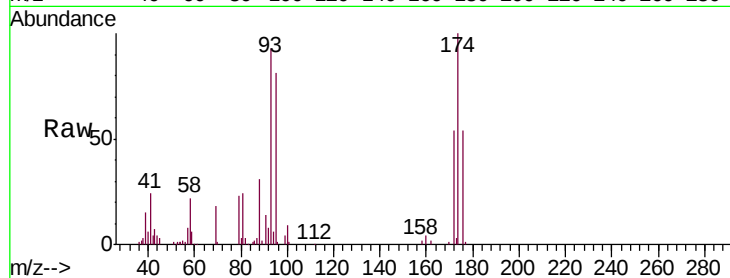
Tgt Ion: 88 Resp: 9160

Ion Ratio Lower Upper

88 100

43 0.0 31.3 46.9#

58 75.5 60.2 90.2



#50

Toluene-d8

Concen: 51.687 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012962.D

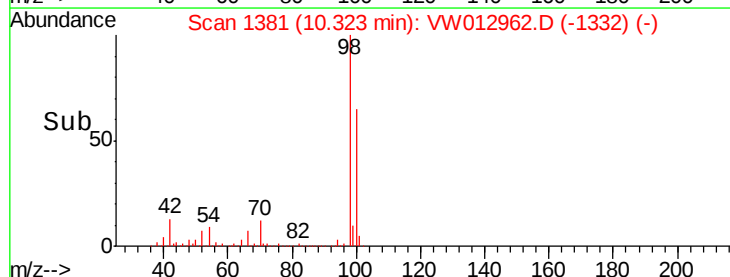
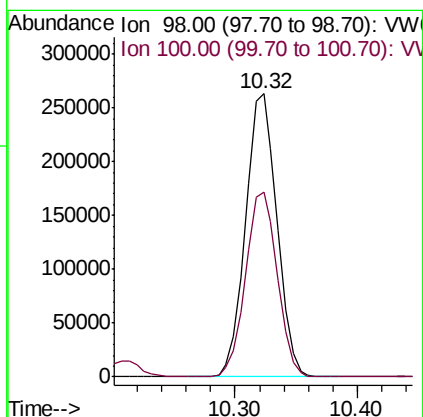
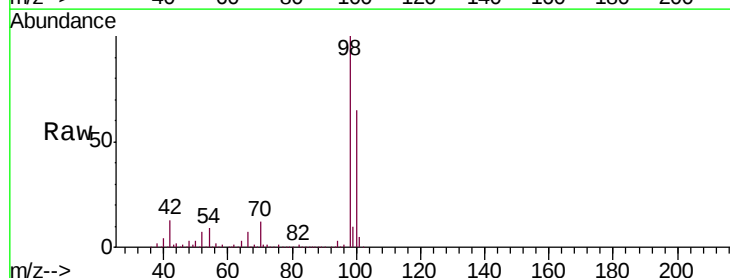
Acq: 13 Sep 2019 19:40

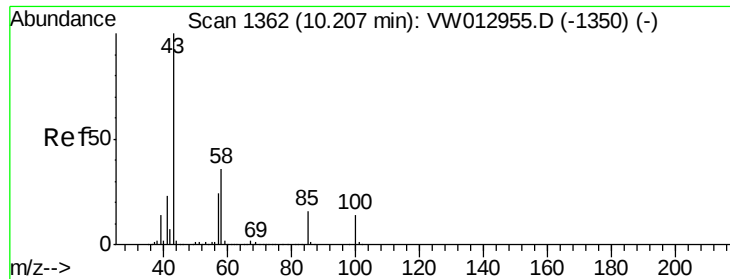
Tgt Ion: 98 Resp: 469861

Ion Ratio Lower Upper

98 100

100 65.9 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 105.594 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012962.D

Acq: 13 Sep 2019 19:40

Instrument :

MSVOA_W

ClientSampleId :

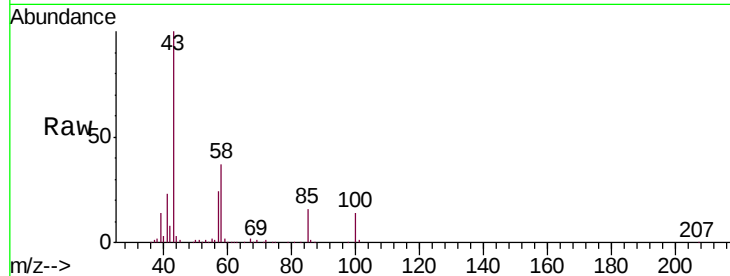
VW0914SBS01

Tgt Ion: 43 Resp: 190075

Ion Ratio Lower Upper

43 100

58 36.9 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

120000

100000

80000

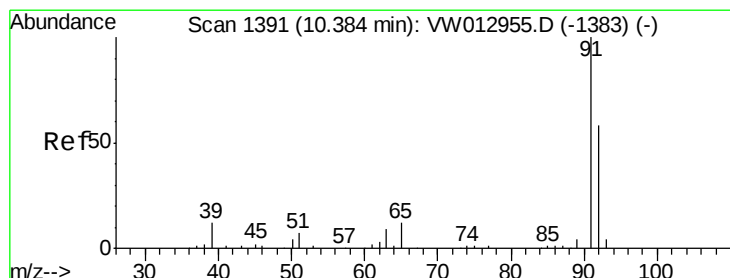
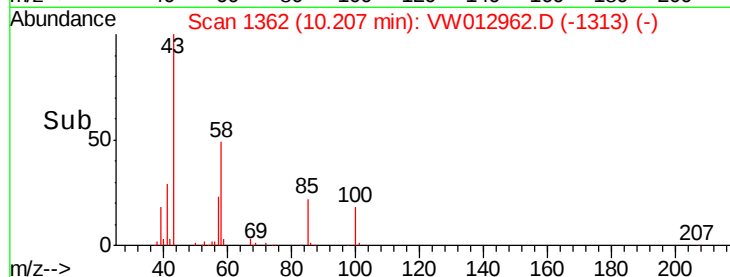
60000

40000

20000

0

Time--> 10.10 10.20 10.30



#52

Toluene

Concen: 20.288 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW012962.D

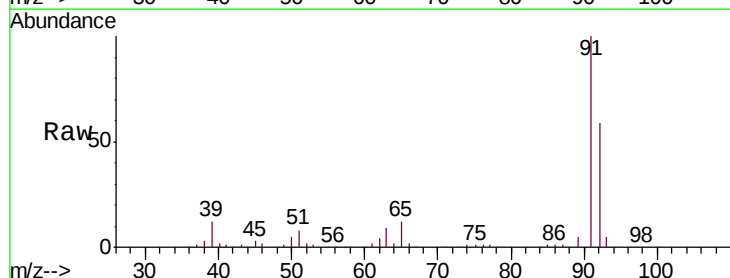
Acq: 13 Sep 2019 19:40

Tgt Ion: 92 Resp: 123127

Ion Ratio Lower Upper

92 100

91 173.6 137.5 206.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

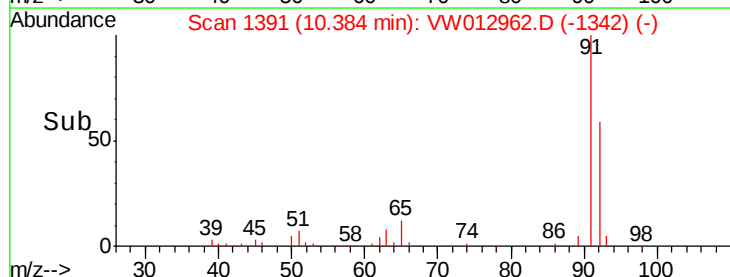
10.38

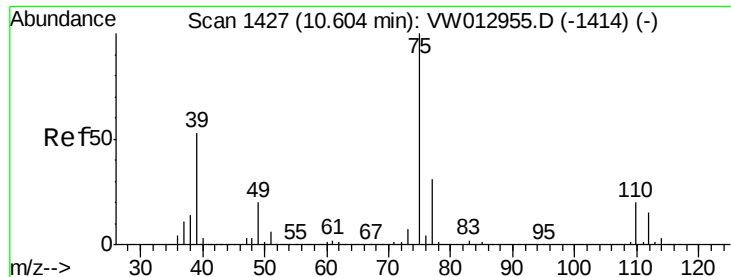
100000

50000

0

Time--> 10.30 10.35 10.40 10.45





#53

t-1,3-Dichloropropene

Concen: 20.126 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012962.D

Acq: 13 Sep 2019 19:40

Instrument :

MSVOA_W

ClientSampleId :

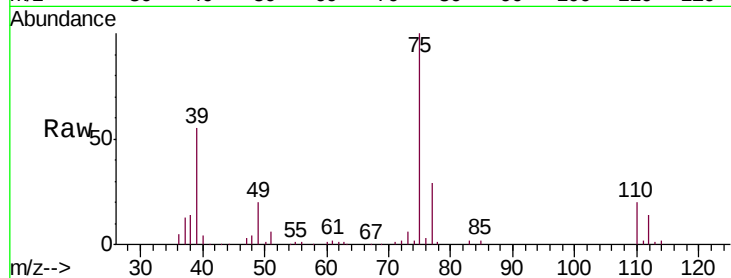
VW0914SBS01

Tgt Ion: 75 Resp: 69021

Ion Ratio Lower Upper

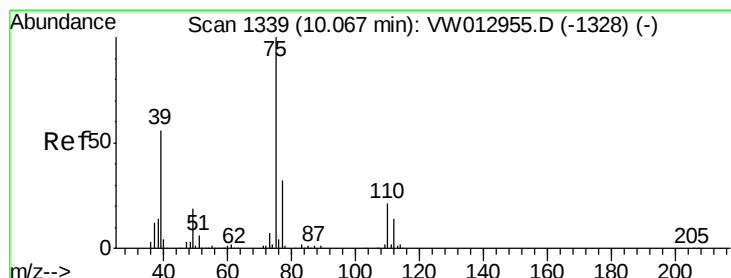
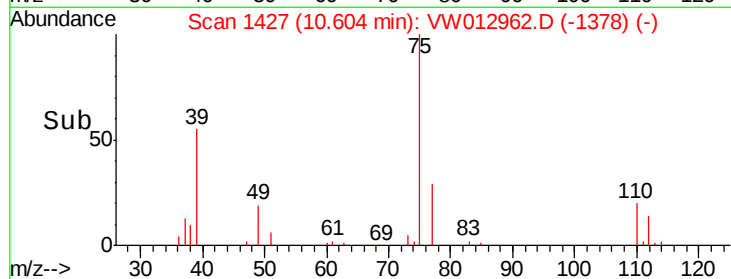
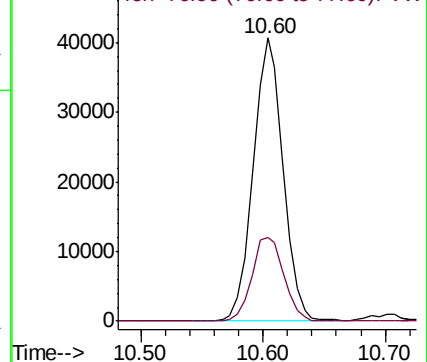
75 100

77 29.4 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 20.313 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.01 min

Lab File: VW012962.D

Acq: 13 Sep 2019 19:40

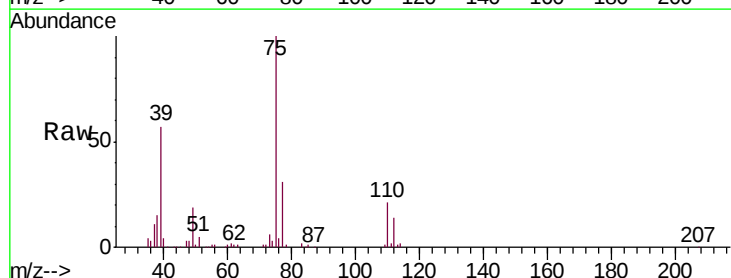
Tgt Ion: 75 Resp: 79707

Ion Ratio Lower Upper

75 100

77 31.2 25.5 38.3

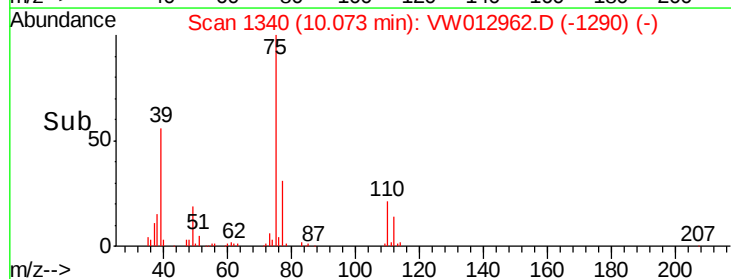
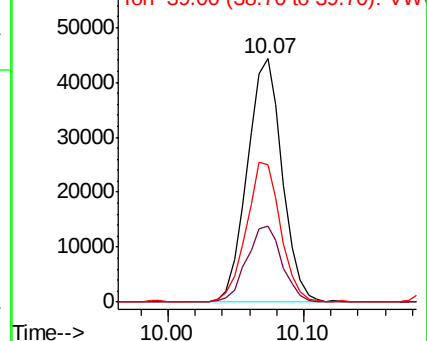
39 56.4 45.0 67.6

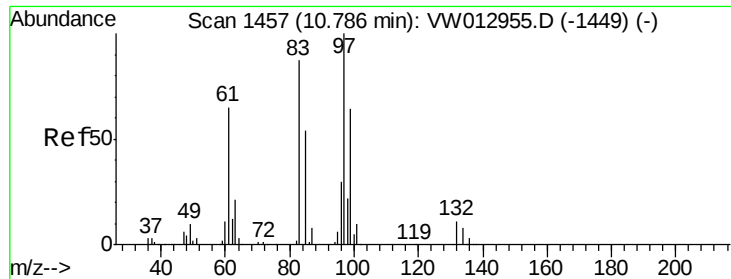


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

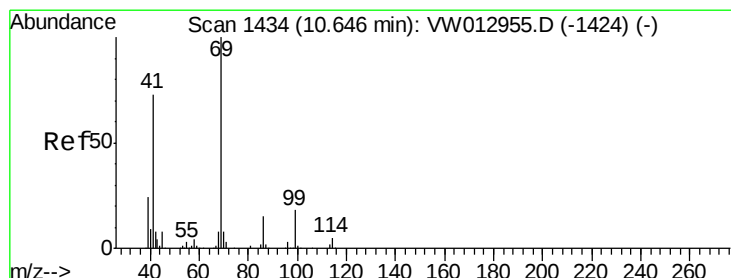
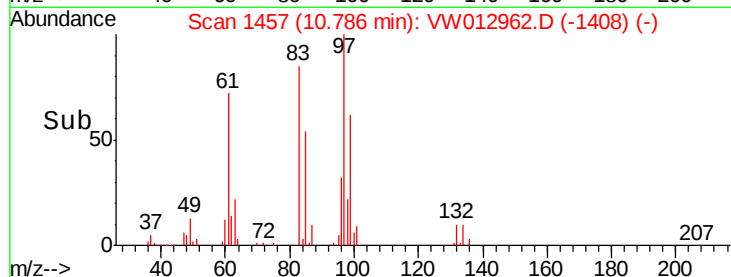
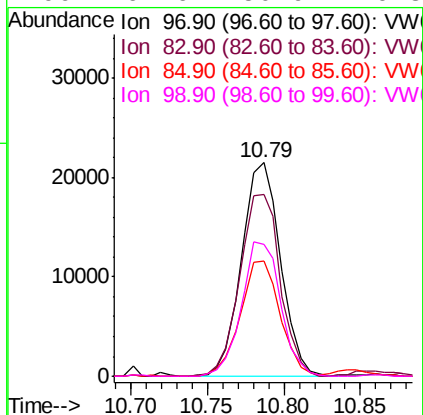
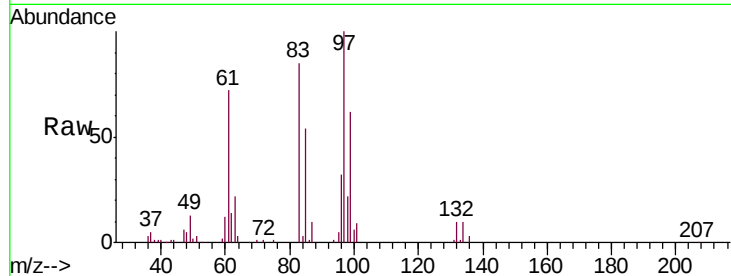




#55
 1,1,2-Trichloroethane
 Concen: 20.619 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012962.D
 Acq: 13 Sep 2019 19:40

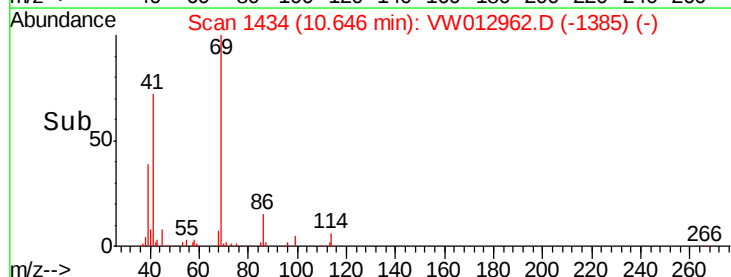
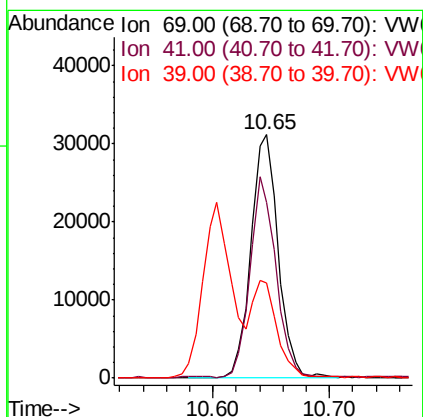
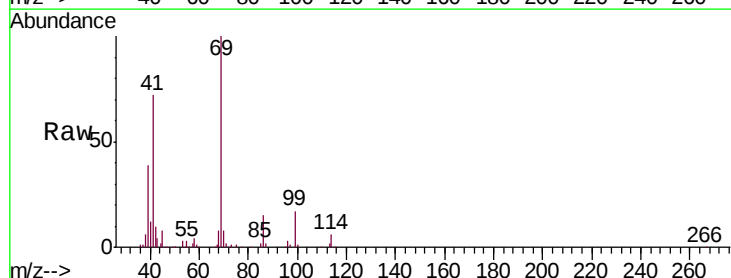
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0914SBS01

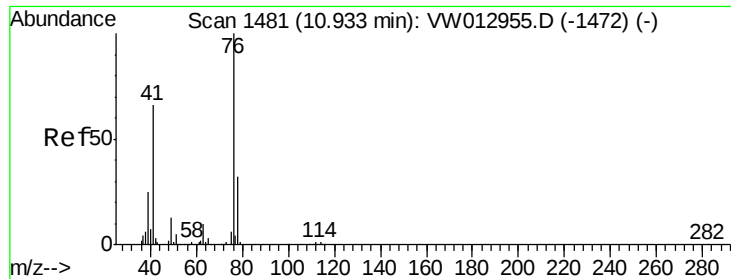
Tgt Ion:	97	Resp:	38187
Ion	Ratio	Lower	Upper
97	100		
83	85.3	69.4	104.0
85	53.9	43.3	64.9
99	61.6	50.9	76.3



#56
 Ethyl methacrylate
 Concen: 20.448 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012962.D
 Acq: 13 Sep 2019 19:40

Tgt Ion:	69	Resp:	50974
Ion	Ratio	Lower	Upper
69	100		
41	78.8	60.8	91.2
39	36.1	29.4	44.0

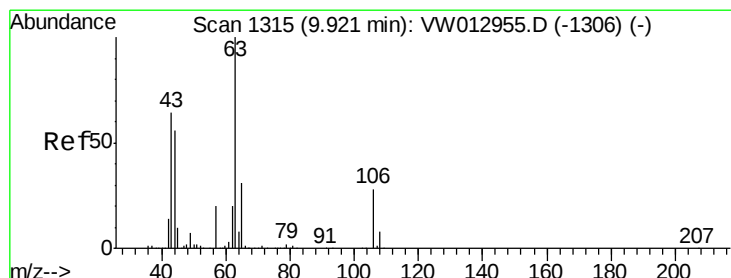
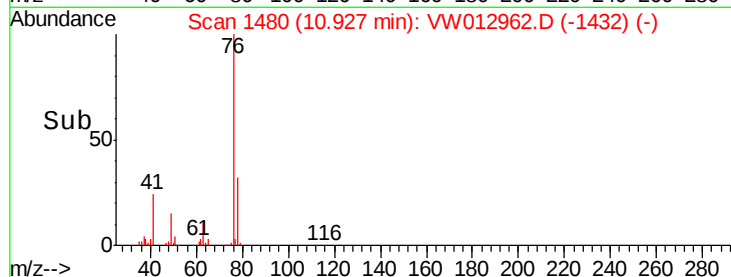
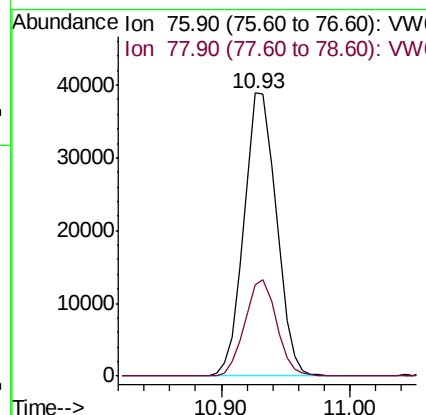
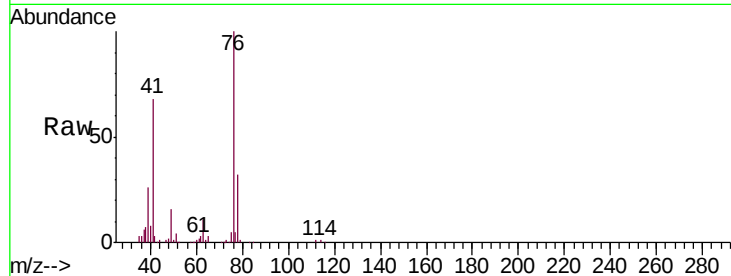




#57
 1,3-Dichloropropane
 Concen: 20.669 ug/l
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: VW012962.D
 Acq: 13 Sep 2019 19:40

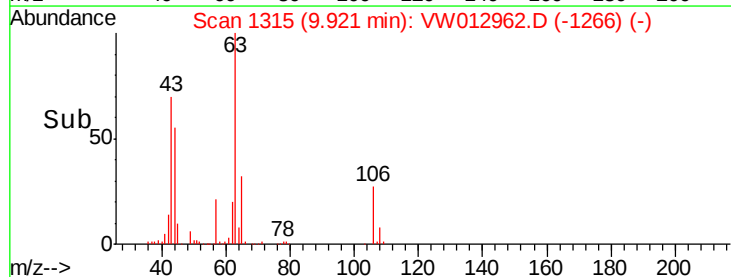
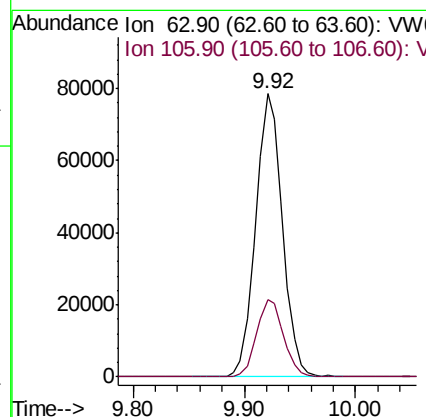
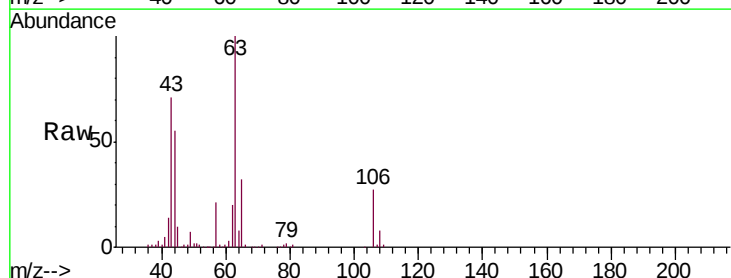
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0914SBS01

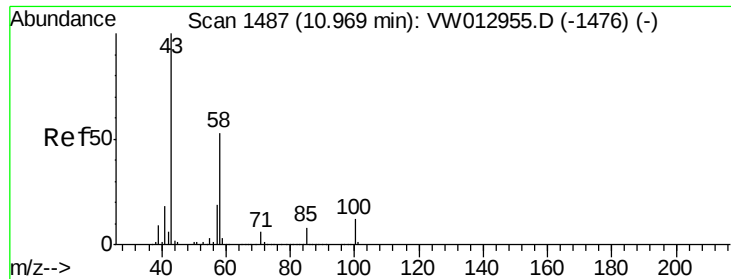
Tgt Ion: 76 Resp: 67903
 Ion Ratio Lower Upper
 76 100
 78 33.2 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.233 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012962.D
 Acq: 13 Sep 2019 19:40

Tgt Ion: 63 Resp: 131359
 Ion Ratio Lower Upper
 63 100
 106 27.3 22.2 33.2

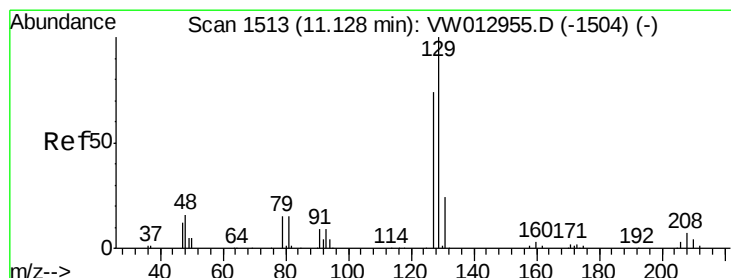
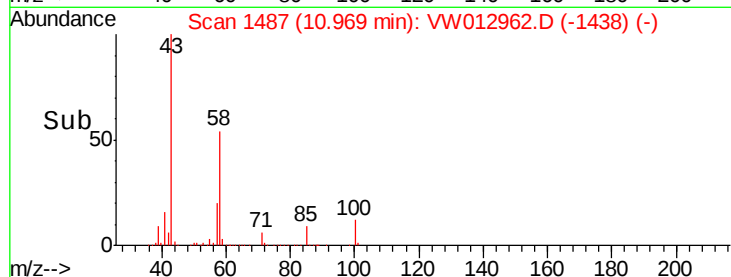
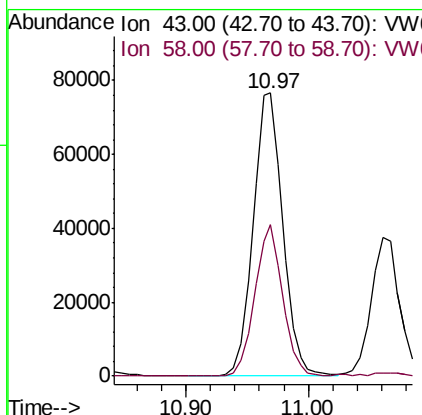
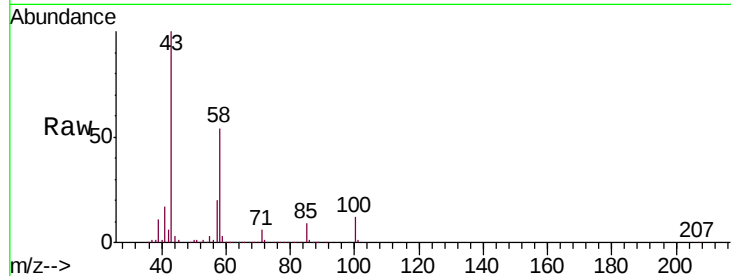




#59
2-Hexanone
Concen: 103.361 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012962.D
Acq: 13 Sep 2019 19:40

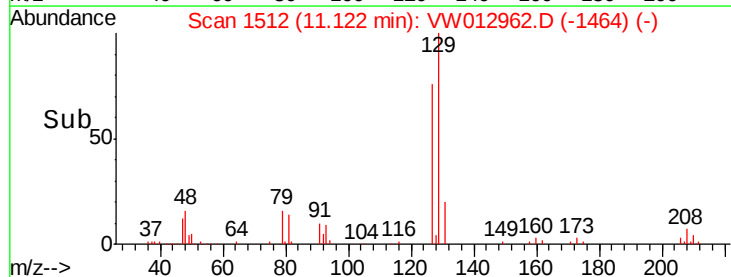
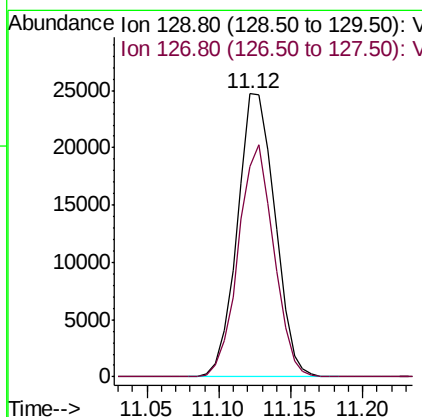
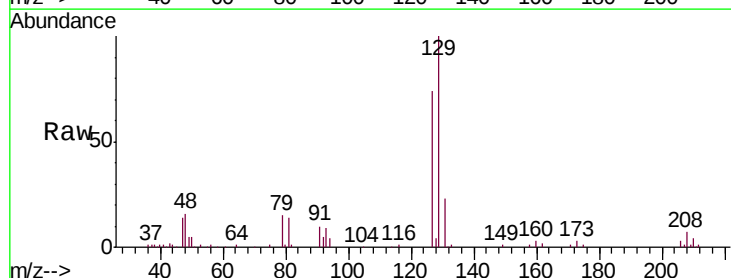
Instrument :
MSVOA_W
ClientSampleId :
VW0914SBS01

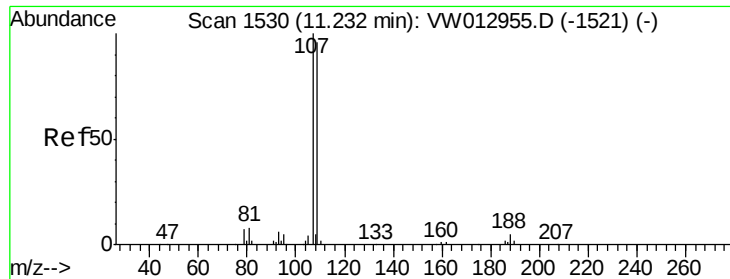
Tgt Ion: 43 Resp: 129552
Ion Ratio Lower Upper
43 100
58 50.3 25.8 77.3



#60
Dibromochloromethane
Concen: 20.008 ug/l
RT: 11.12 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VW012962.D
Acq: 13 Sep 2019 19:40

Tgt Ion: 129 Resp: 44798
Ion Ratio Lower Upper
129 100
127 77.3 37.4 112.2





#61

1,2-Dibromoethane

Concen: 20.714 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.01 min

Lab File: VW012962.D

Acq: 13 Sep 2019 19:40

Instrument :

MSVOA_W

ClientSampleId :

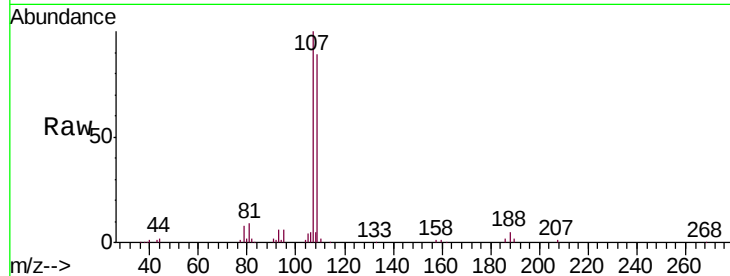
VW0914SBS01

Tgt Ion: 107 Resp: 34996

Ion Ratio Lower Upper

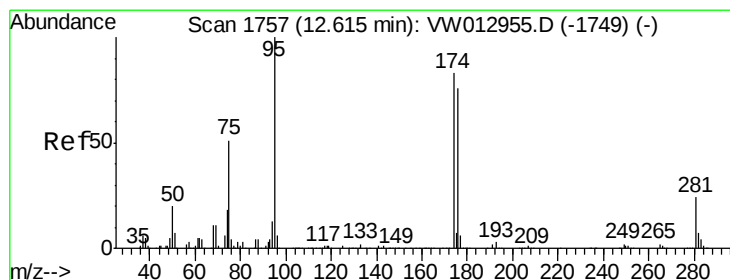
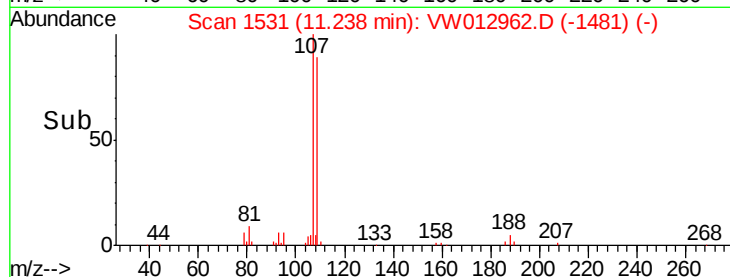
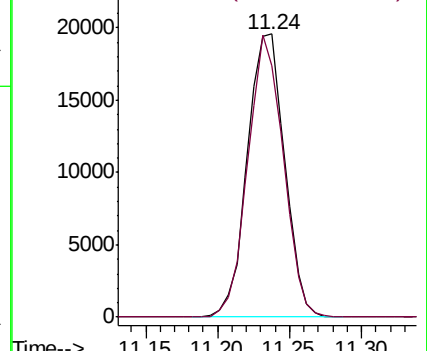
107 100

109 94.7 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.646 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012962.D

Acq: 13 Sep 2019 19:40

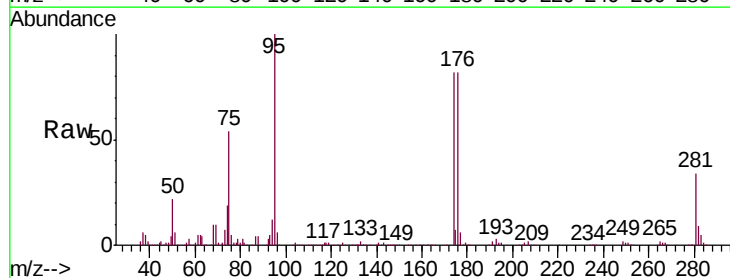
Tgt Ion: 95 Resp: 162280

Ion Ratio Lower Upper

95 100

174 85.0 0.0 170.4

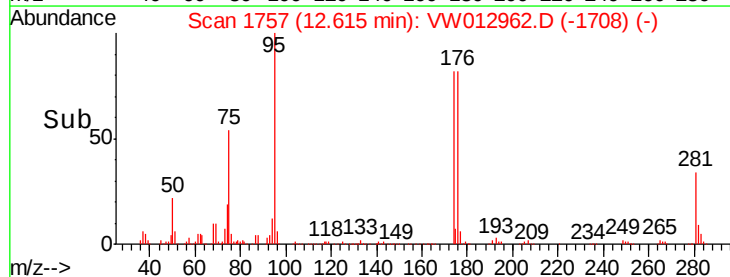
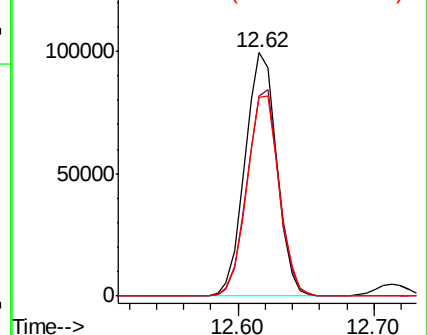
176 83.7 0.0 164.6

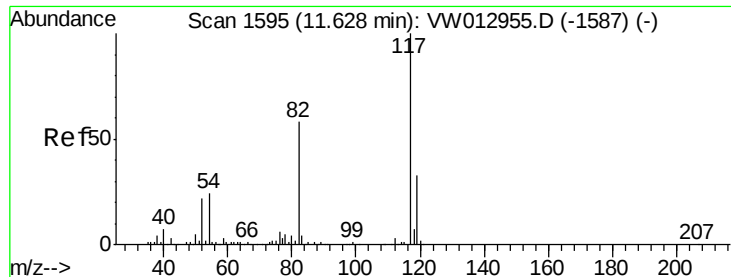


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

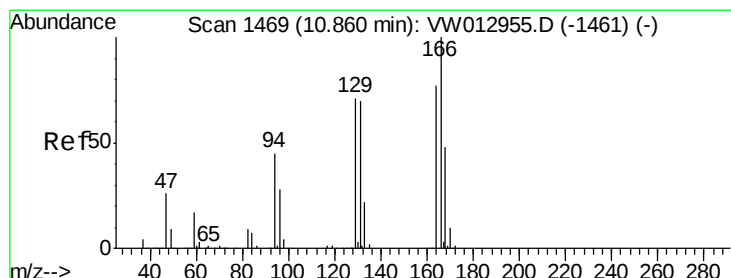
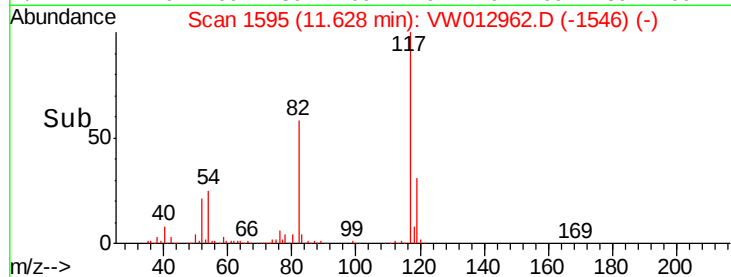
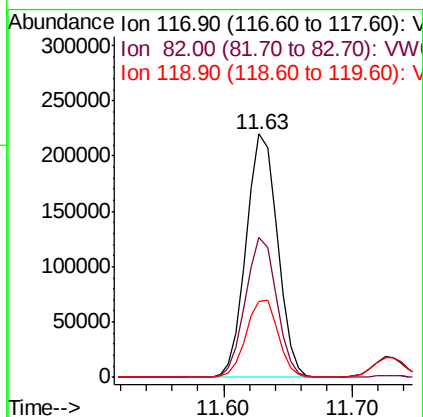
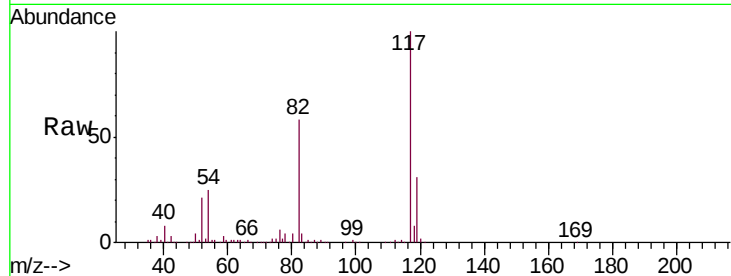




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW012962.D
Acq: 13 Sep 2019 19:40

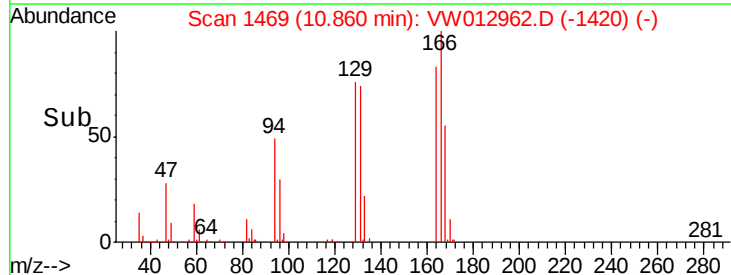
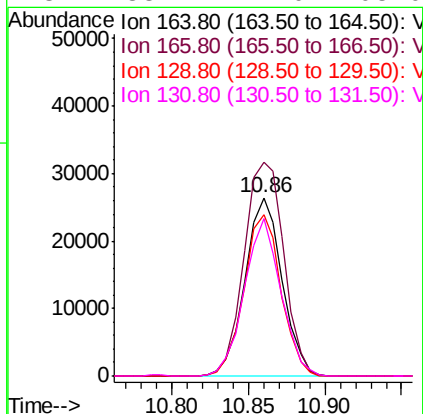
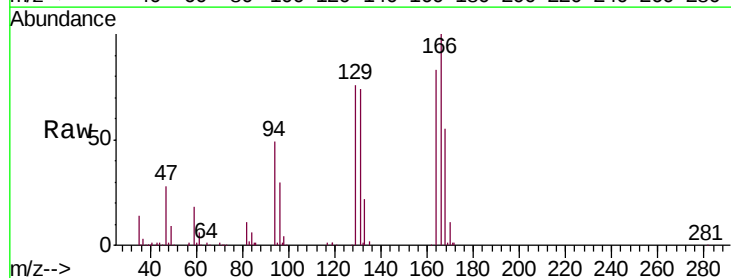
Instrument :
MSVOA_W
ClientSampleId :
VW0914SBS01

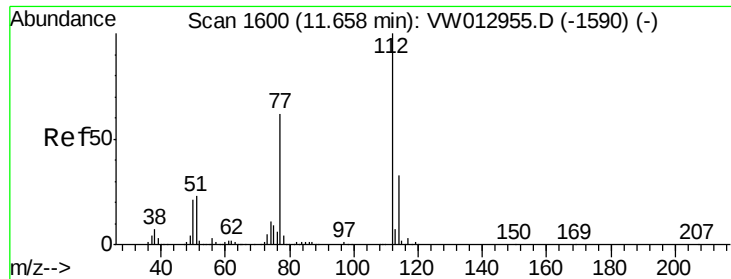
Tgt Ion:117 Resp: 369607
Ion Ratio Lower Upper
117 100
82 57.6 46.3 69.5
119 31.4 26.2 39.4



#64
Tetrachloroethene
Concen: 20.206 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012962.D
Acq: 13 Sep 2019 19:40

Tgt Ion:164 Resp: 44430
Ion Ratio Lower Upper
164 100
166 119.9 103.3 154.9
129 90.9 73.8 110.8
131 88.4 72.0 108.0

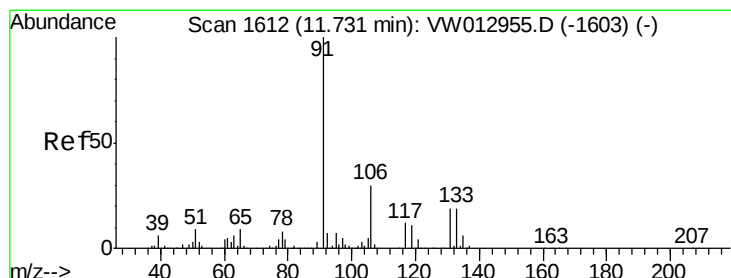
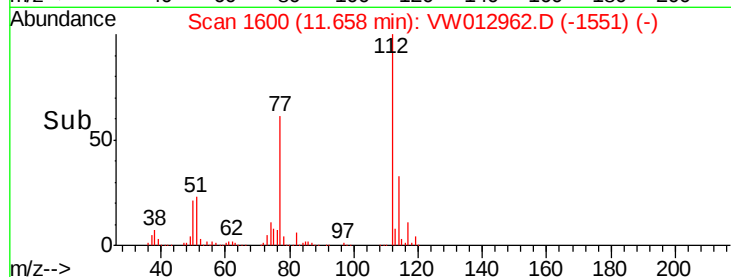
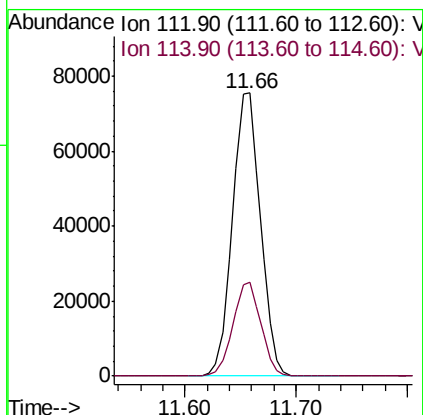
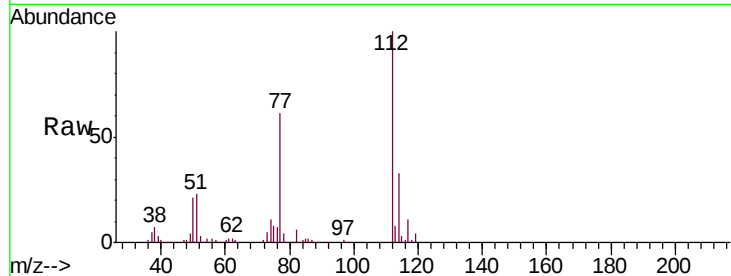




#65
Chlorobenzene
Concen: 19.986 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012962.D
Acq: 13 Sep 2019 19:40

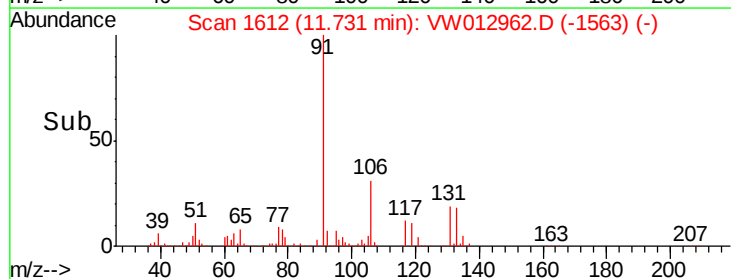
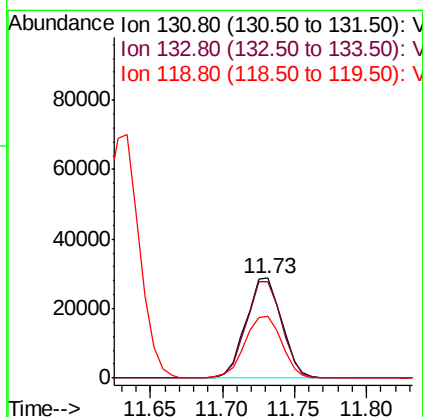
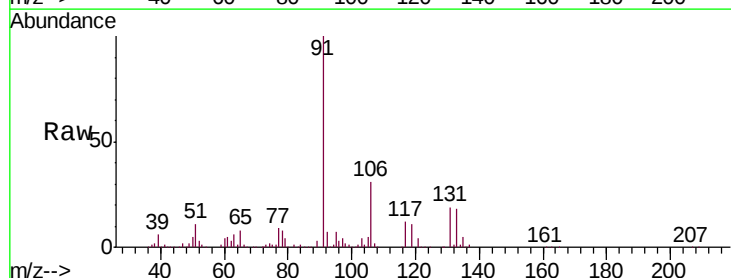
Instrument :
MSVOA_W
ClientSampleId :
VW0914SBS01

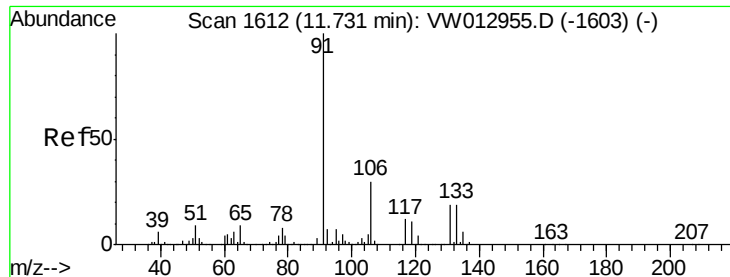
Tgt Ion:112 Resp: 131581
Ion Ratio Lower Upper
112 100
114 33.2 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.664 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012962.D
Acq: 13 Sep 2019 19:40

Tgt Ion:131 Resp: 49612
Ion Ratio Lower Upper
131 100
133 96.4 47.9 143.8
119 63.6 30.9 92.7

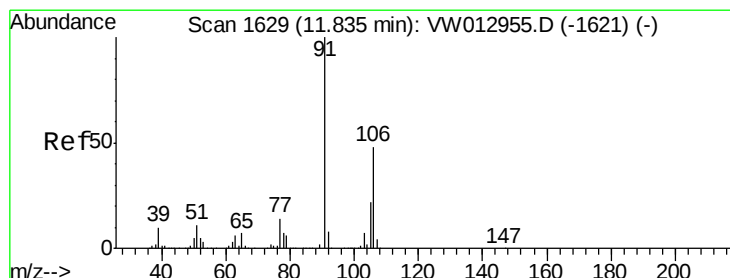
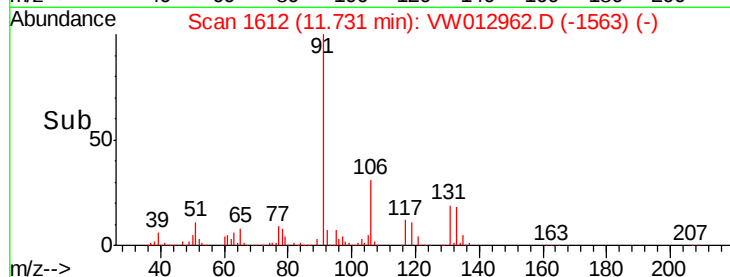
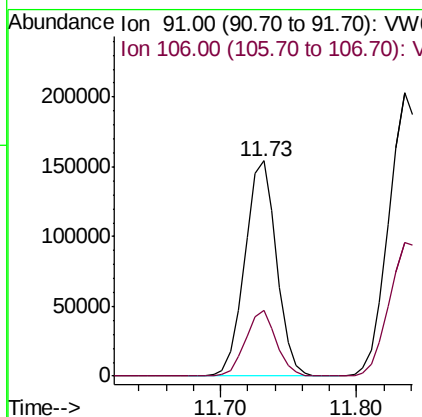
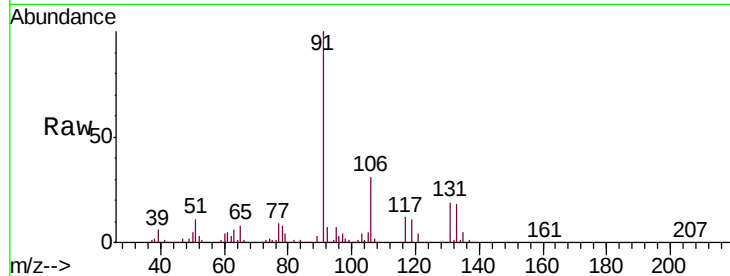




#67
Ethyl Benzene
Concen: 20.626 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012962.D
Acq: 13 Sep 2019 19:40

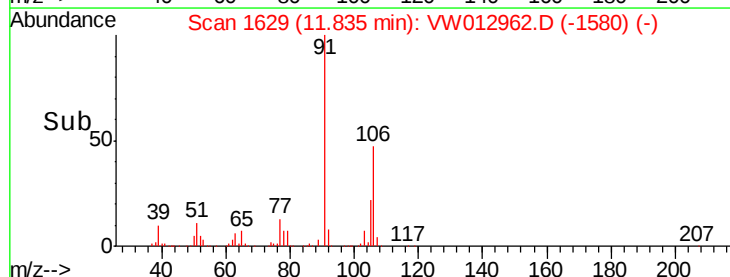
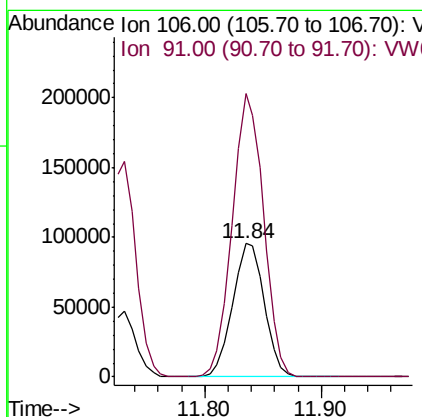
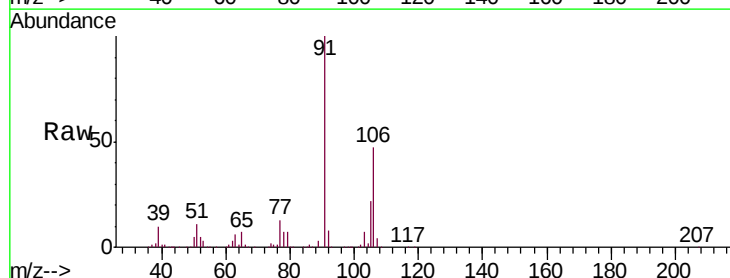
Instrument :
MSVOA_W
ClientSampleId :
VW0914SBS01

Tgt Ion: 91 Resp: 250790
Ion Ratio Lower Upper
91 100
106 30.7 24.3 36.5



#68
m/p-Xylenes
Concen: 40.697 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW012962.D
Acq: 13 Sep 2019 19:40

Tgt Ion: 106 Resp: 180770
Ion Ratio Lower Upper
106 100
91 210.7 165.8 248.8

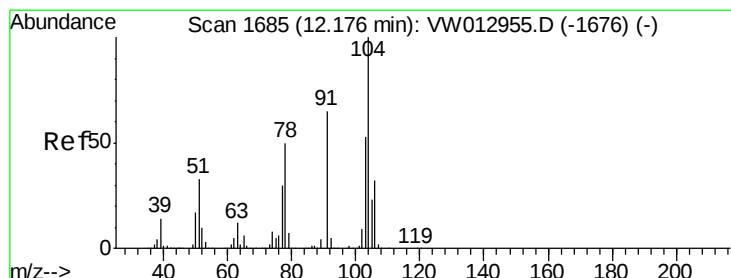
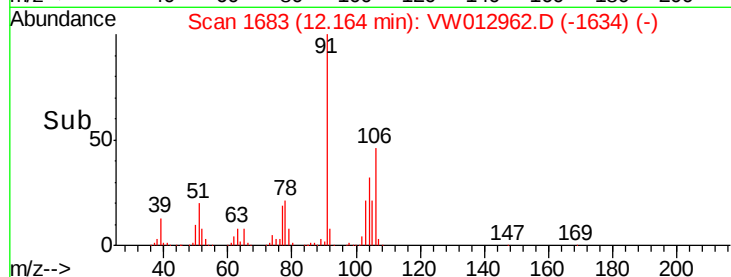
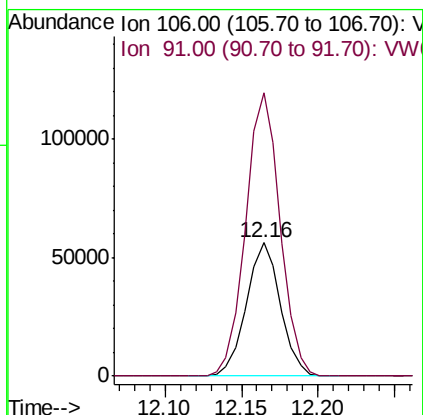
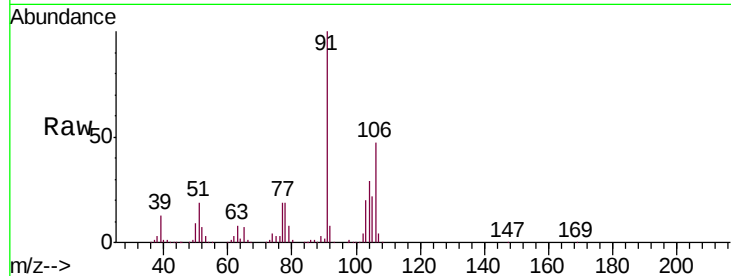




#69
o-Xylene
Concen: 20.866 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012962.D
Acq: 13 Sep 2019 19:40

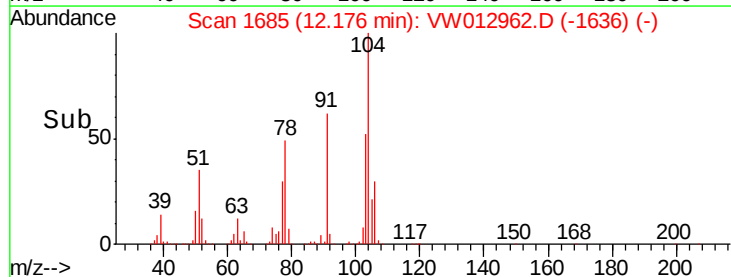
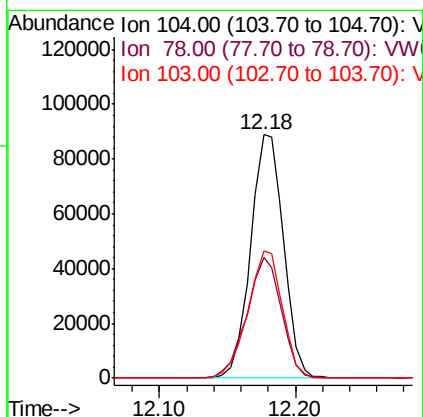
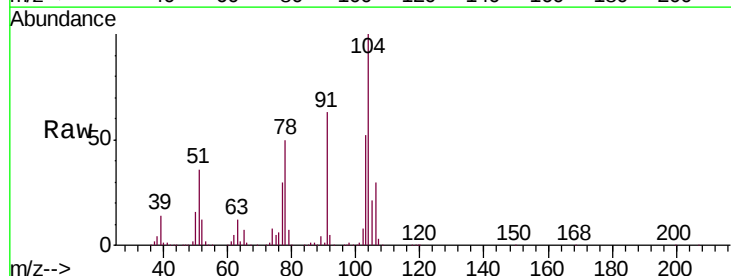
Instrument :
MSVOA_W
ClientSampleId :
VW0914SBS01

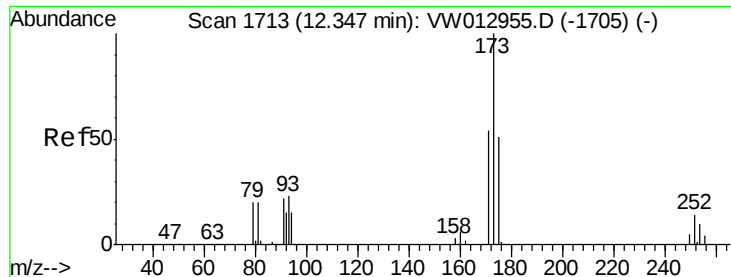
Tgt Ion:106 Resp: 86894
Ion Ratio Lower Upper
106 100
91 214.9 109.7 329.0



#70
Styrene
Concen: 20.372 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW012962.D
Acq: 13 Sep 2019 19:40

Tgt Ion:104 Resp: 150913
Ion Ratio Lower Upper
104 100
78 52.5 42.1 63.1
103 55.0 44.2 66.4

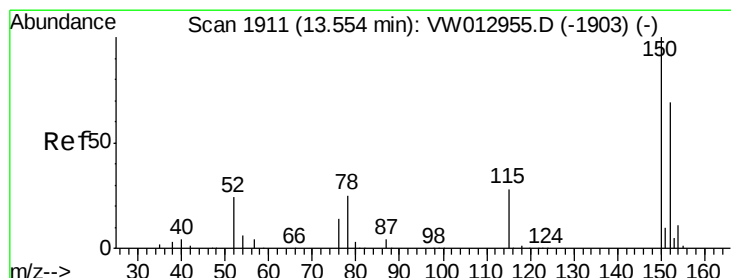
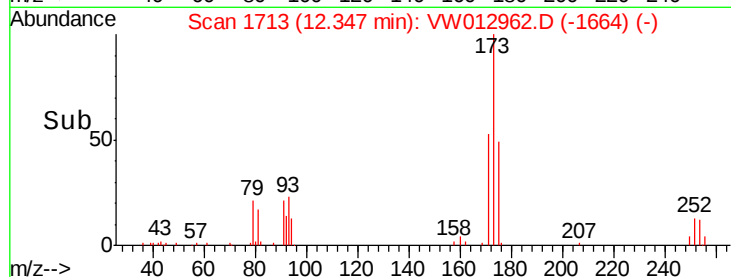
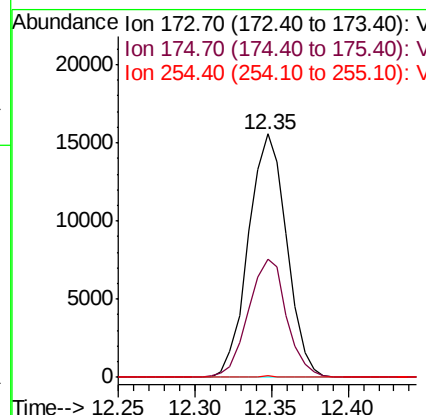
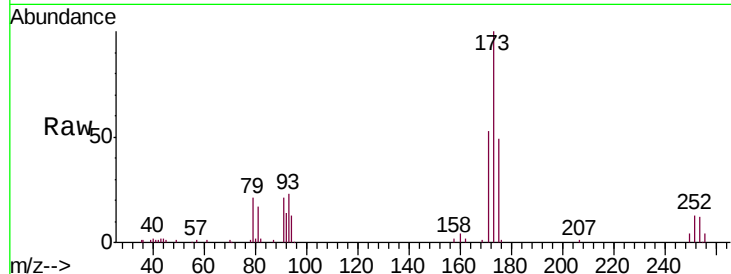




#71
Bromoform
Concen: 20.388 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW012962.D
Acq: 13 Sep 2019 19:40

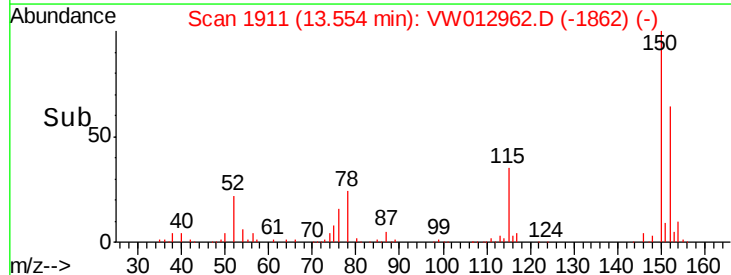
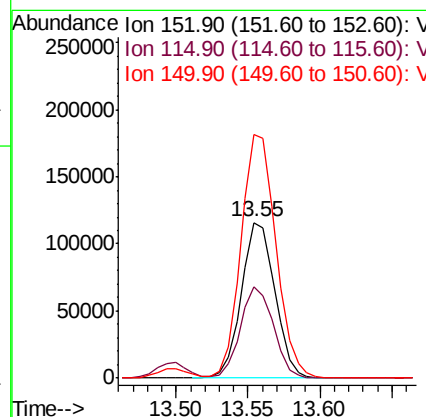
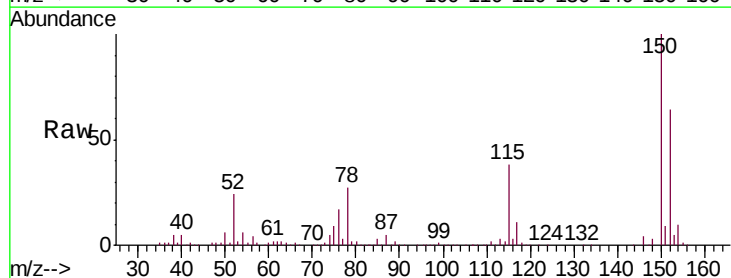
Instrument :
MSVOA_W
ClientSampleId :
VW0914SBS01

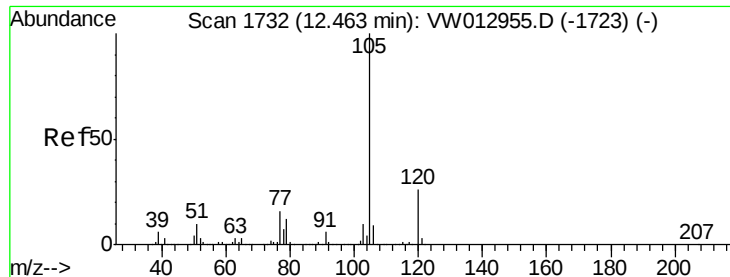
Tgt Ion:173 Resp: 27019
Ion Ratio Lower Upper
173 100
175 48.6 24.2 72.6
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VW012962.D
Acq: 13 Sep 2019 19:40

Tgt Ion:152 Resp: 186721
Ion Ratio Lower Upper
152 100
115 58.3 28.8 86.4
150 163.6 0.0 340.2





#73

Isopropylbenzene

Concen: 19.848 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012962.D

Acq: 13 Sep 2019 19:40

Instrument :

MSVOA_W

ClientSampleId :

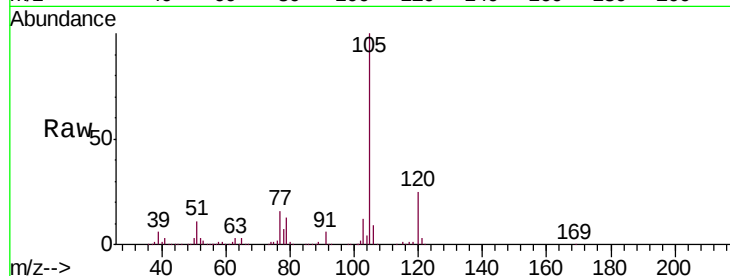
VW0914SBS01

Tgt Ion: 105 Resp: 245643

Ion Ratio Lower Upper

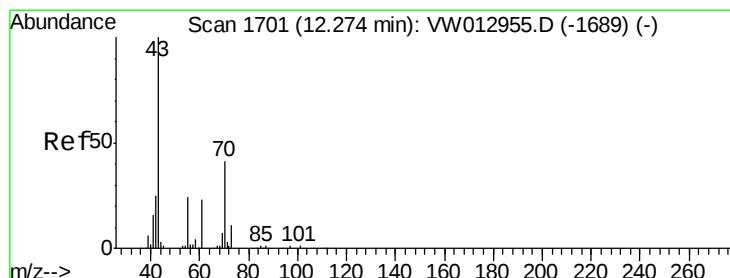
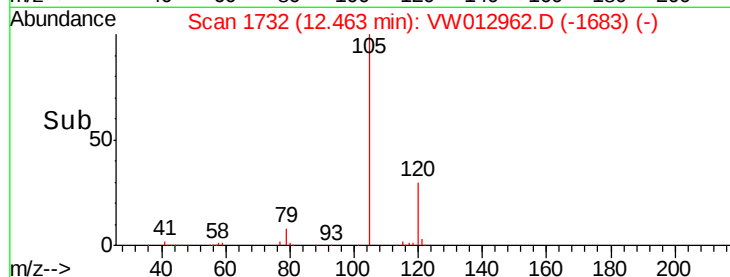
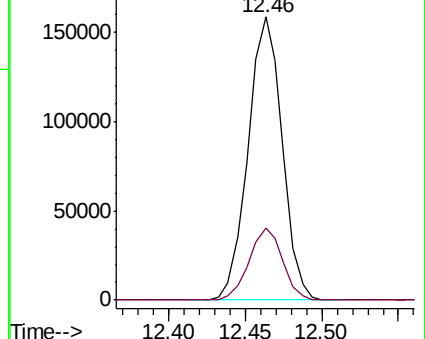
105 100

120 25.2 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.375 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012962.D

Acq: 13 Sep 2019 19:40

Tgt Ion: 43 Resp: 64868

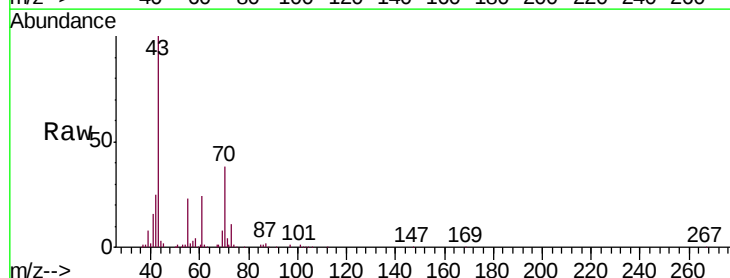
Ion Ratio Lower Upper

43 100

70 37.5 31.7 47.5

55 23.6 19.4 29.2

61 22.8 18.7 28.1

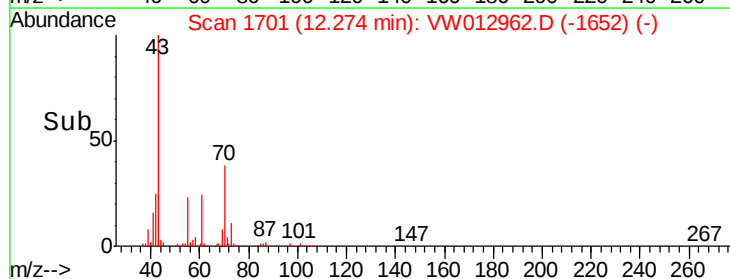
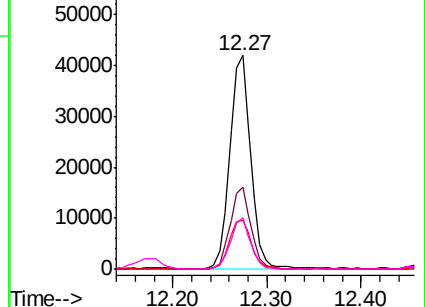


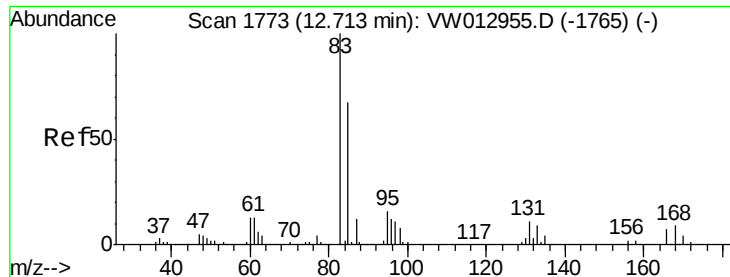
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 21.178 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012962.D

Acq: 13 Sep 2019 19:40

Instrument :

MSVOA_W

ClientSampleId :

VW0914SBS01

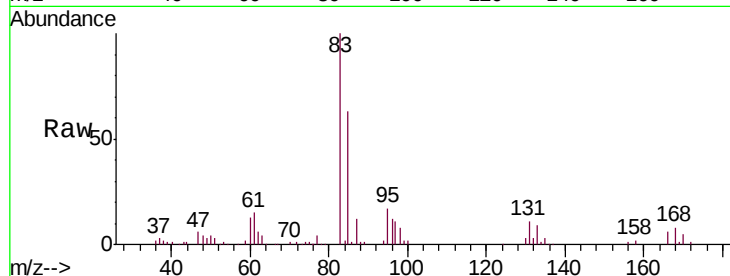
Tgt Ion: 83 Resp: 46035

Ion Ratio Lower Upper

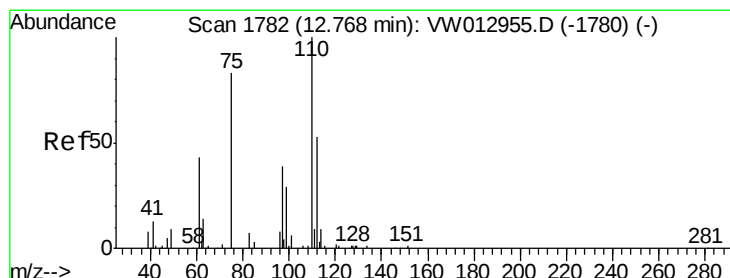
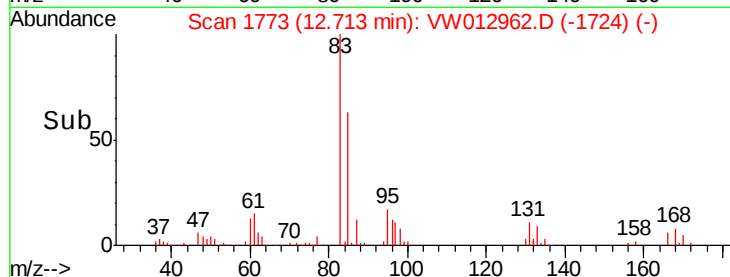
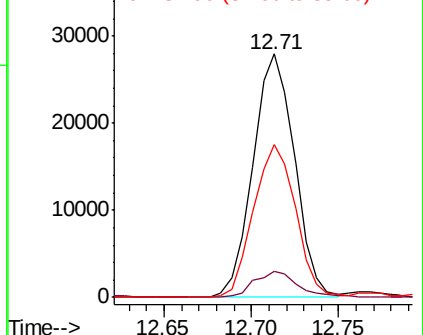
83 100

131 11.2 5.7 17.1

85 63.8 31.4 94.3



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 35.830 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012962.D

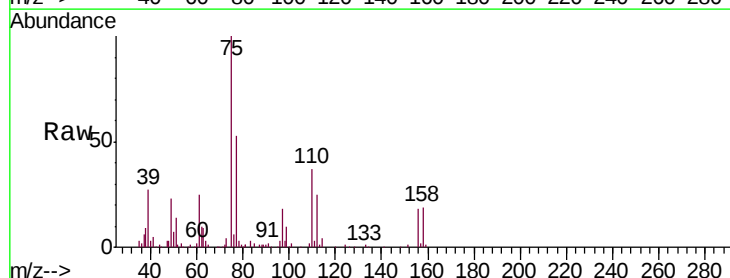
Acq: 13 Sep 2019 19:40

Tgt Ion: 75 Resp: 58601

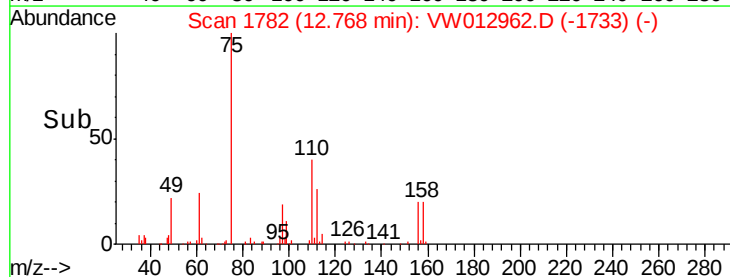
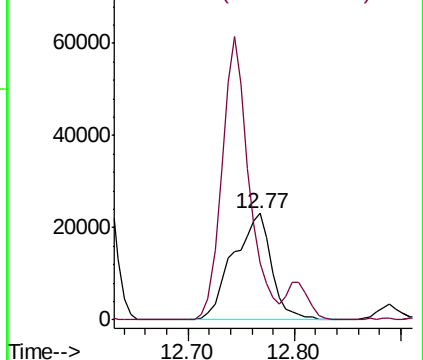
Ion Ratio Lower Upper

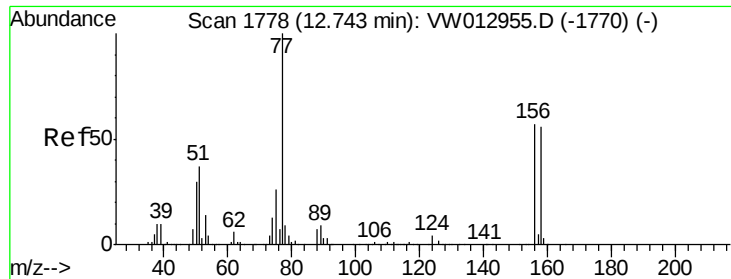
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.933 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW012962.D

Acq: 13 Sep 2019 19:40

Instrument :

MSVOA_W

ClientSampleId :

VW0914SBS01

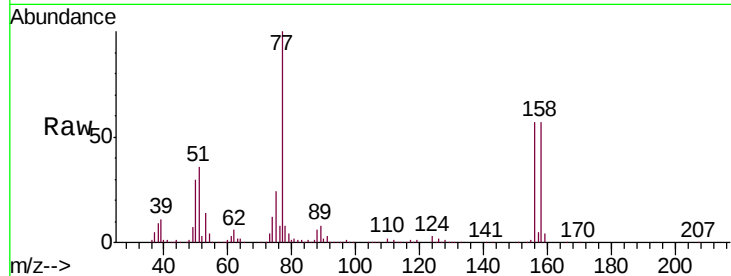
Tgt Ion:156 Resp: 56834

Ion Ratio Lower Upper

156 100

77 193.0 95.2 285.6

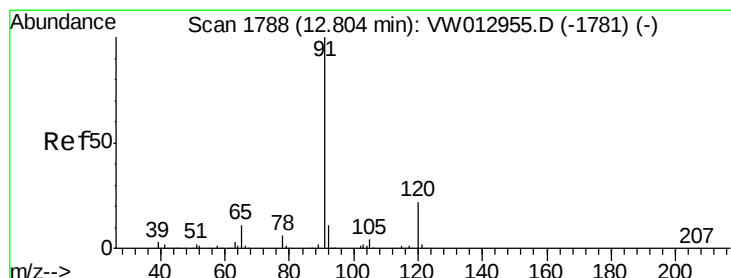
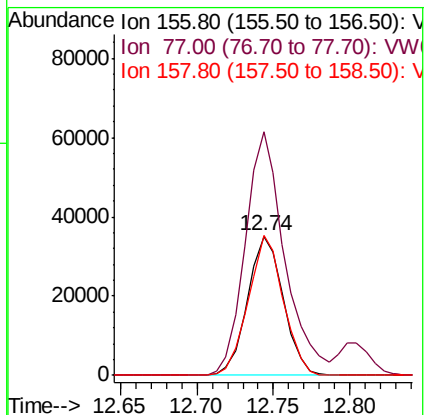
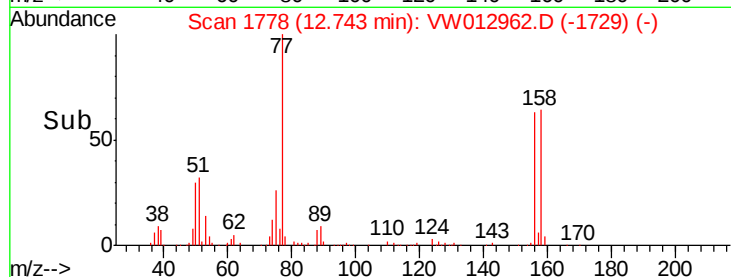
158 98.8 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.818 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012962.D

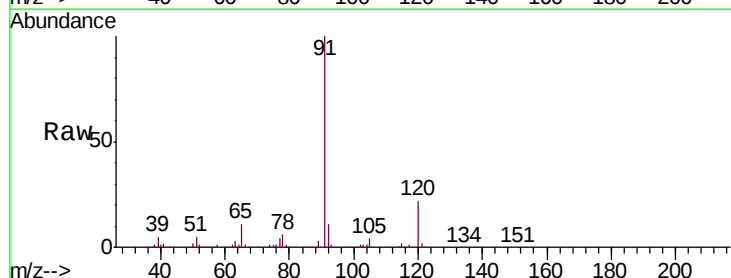
Acq: 13 Sep 2019 19:40

Tgt Ion: 91 Resp: 288524

Ion Ratio Lower Upper

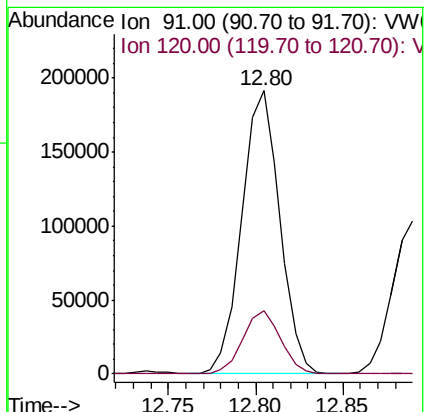
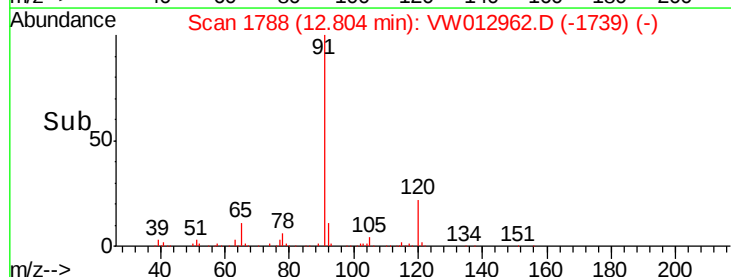
91 100

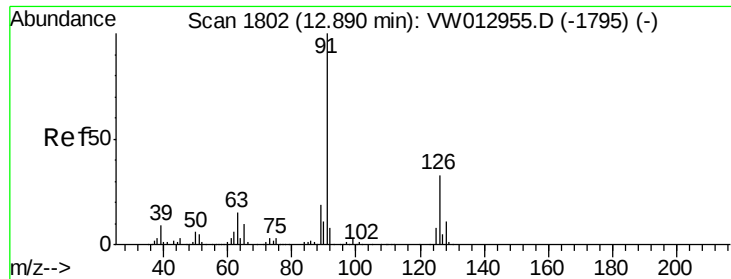
120 22.2 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

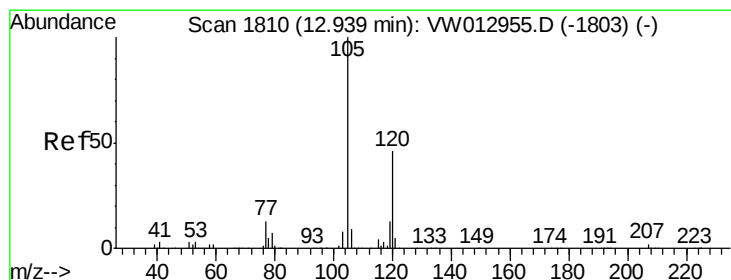
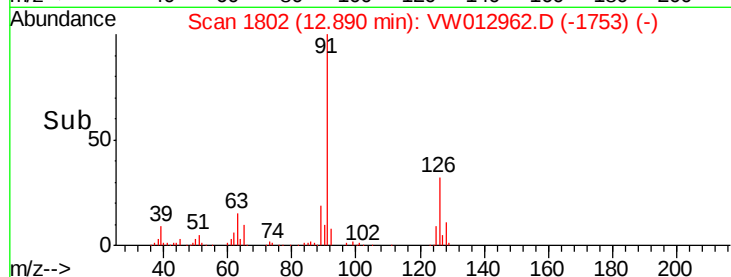
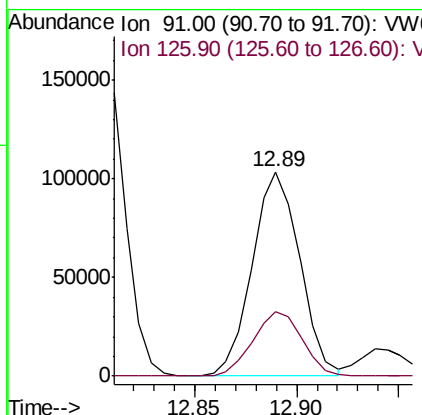
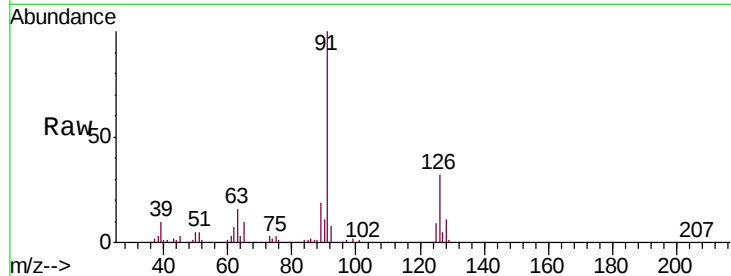




#79
 2-Chlorotoluene
 Concen: 19.998 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW012962.D
 Acq: 13 Sep 2019 19:40

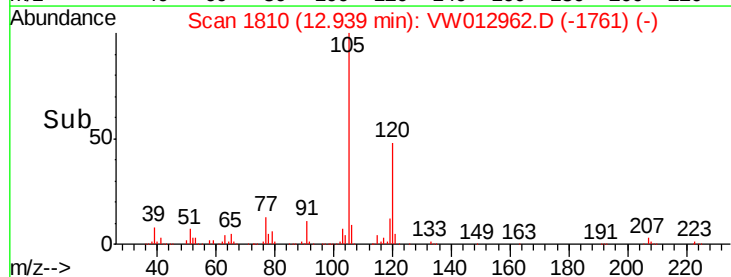
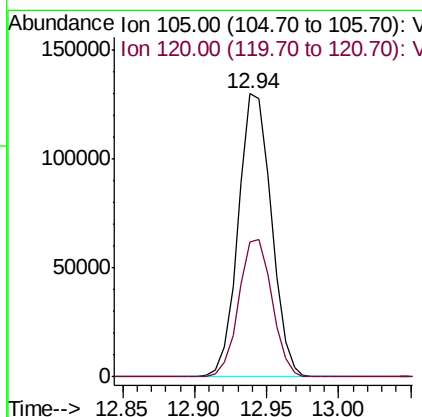
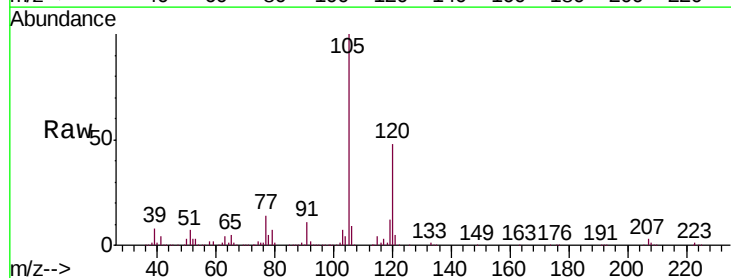
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0914SBS01

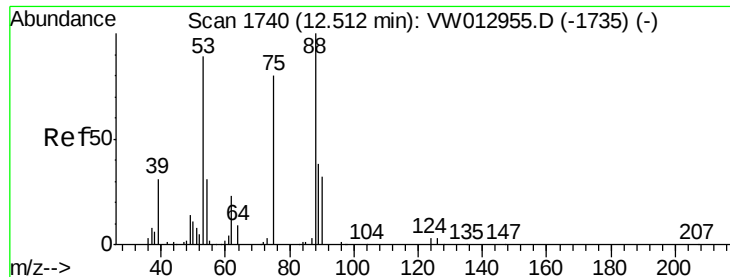
Tgt Ion: 91 Resp: 167361
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.5 49.5



#80
 1,3,5-Trimethylbenzene
 Concen: 19.700 ug/l
 RT: 12.94 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW012962.D
 Acq: 13 Sep 2019 19:40

Tgt Ion: 105 Resp: 206265
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.892 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012962.D

Acq: 13 Sep 2019 19:40

Instrument :

MSVOA_W

ClientSampleId :

VW0914SBS01

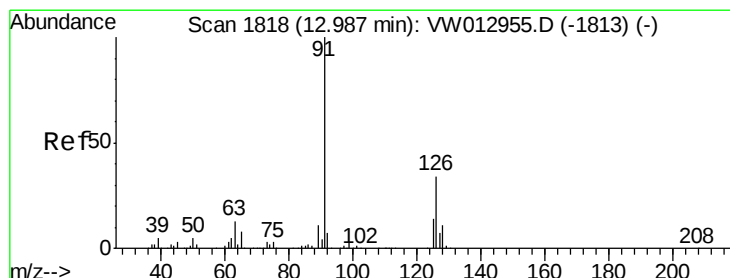
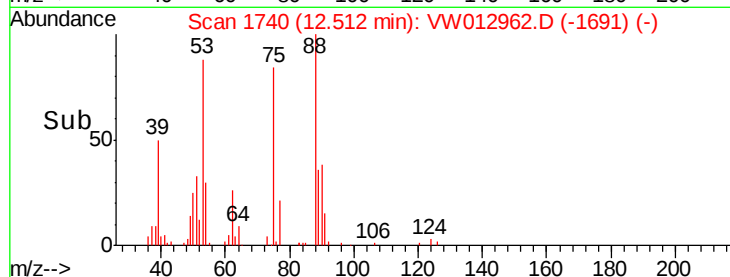
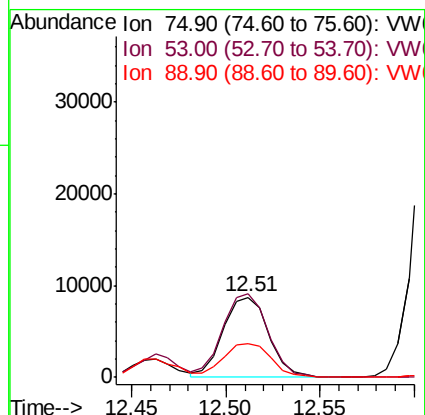
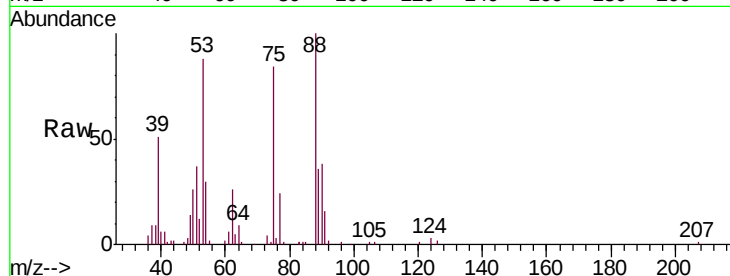
Tgt Ion: 75 Resp: 14342

Ion Ratio Lower Upper

75 100

53 106.4 85.6 128.4

89 45.3 37.2 55.8



#82

4-Chlorotoluene

Concen: 20.106 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012962.D

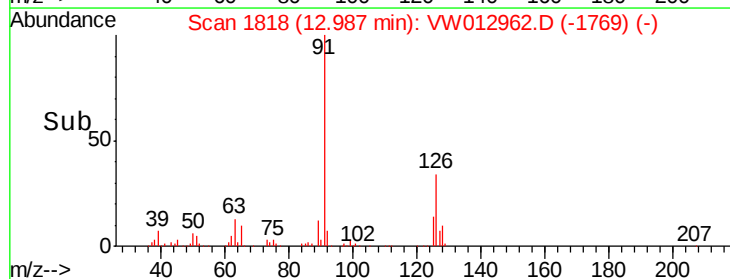
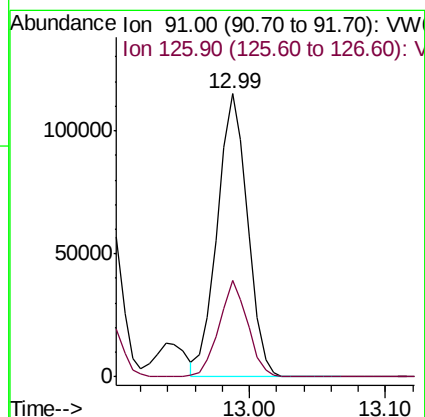
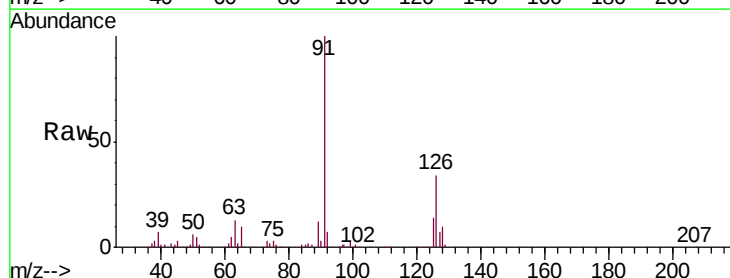
Acq: 13 Sep 2019 19:40

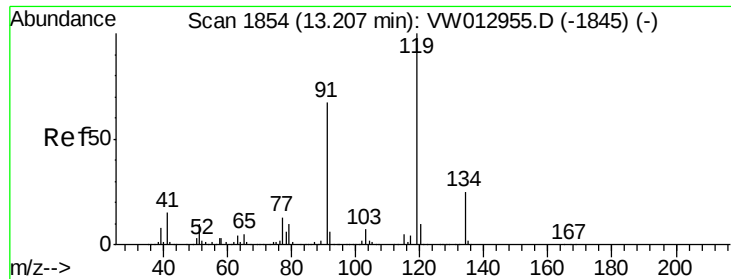
Tgt Ion: 91 Resp: 177542

Ion Ratio Lower Upper

91 100

126 32.2 16.1 48.3

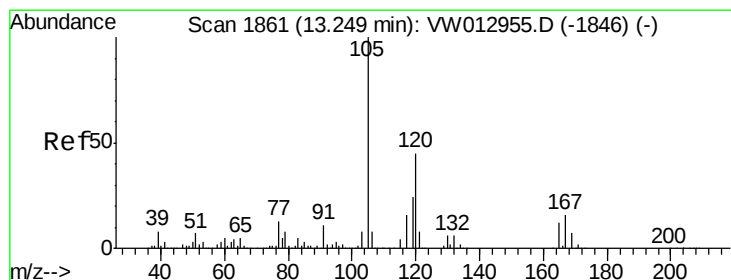
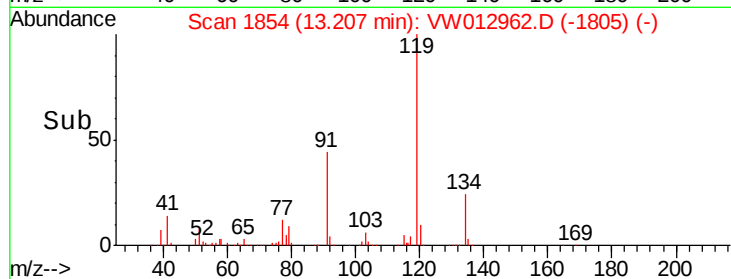
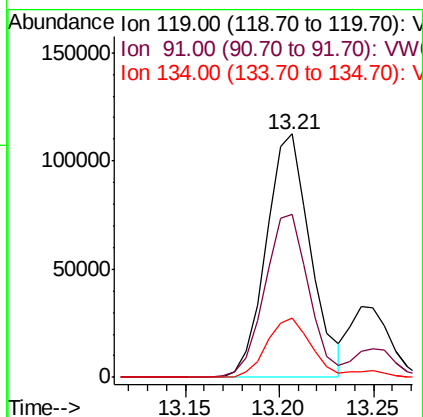
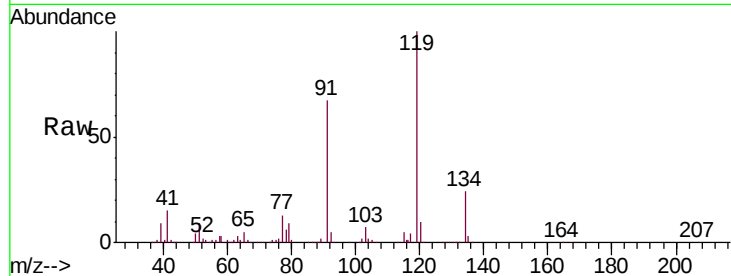




#83
 tert-Butylbenzene
 Concen: 19.530 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012962.D
 Acq: 13 Sep 2019 19:40

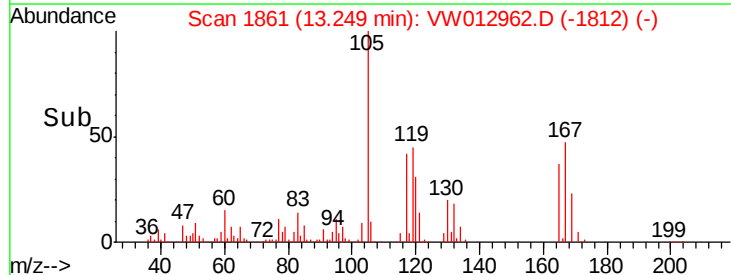
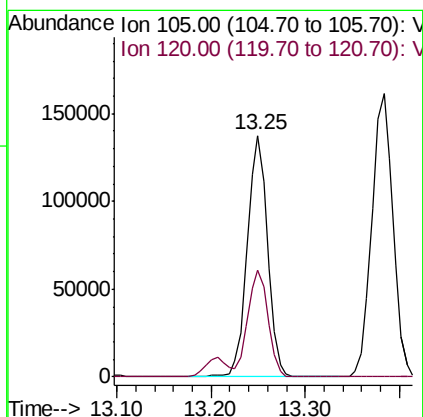
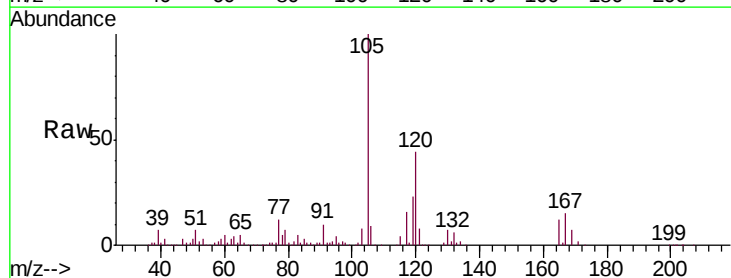
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0914SBS01

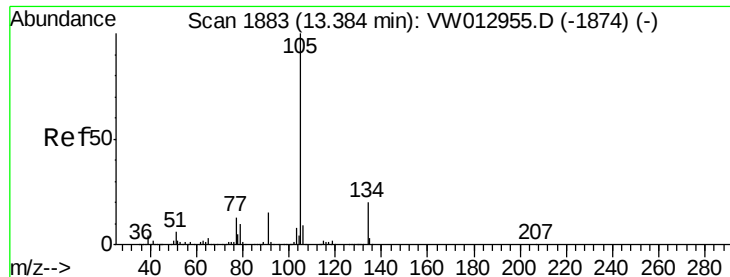
Tgt Ion:119 Resp: 182904
 Ion Ratio Lower Upper
 119 100
 91 66.6 32.6 98.0
 134 24.5 12.4 37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.084 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012962.D
 Acq: 13 Sep 2019 19:40

Tgt Ion:105 Resp: 207797
 Ion Ratio Lower Upper
 105 100
 120 43.8 21.9 65.7

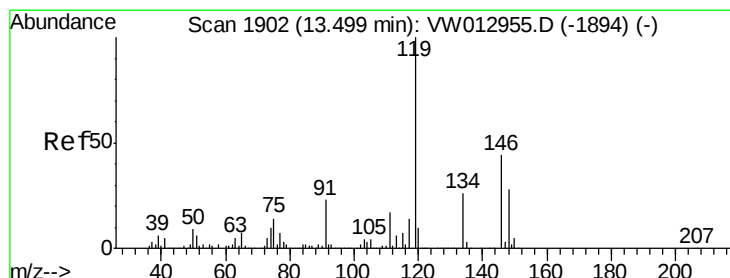
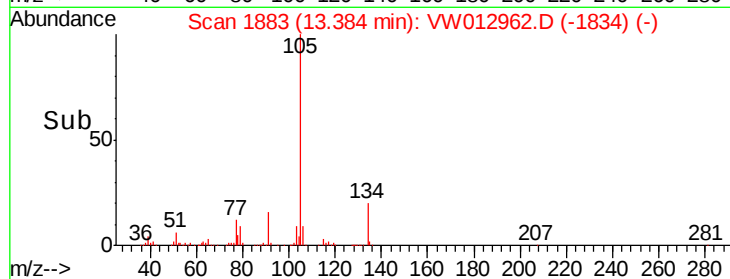
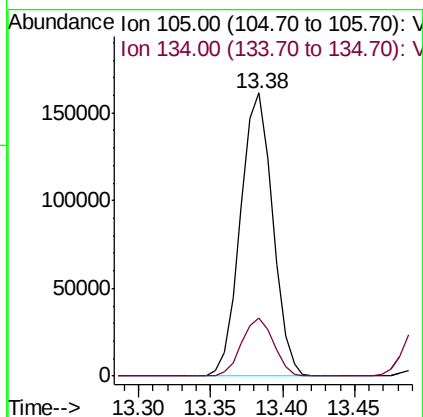
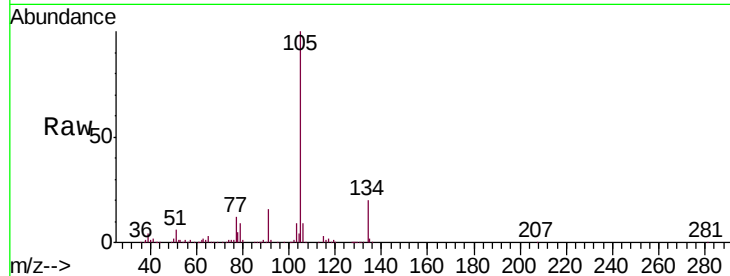




#85
 sec-Butylbenzene
 Concen: 19.631 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012962.D
 Acq: 13 Sep 2019 19:40

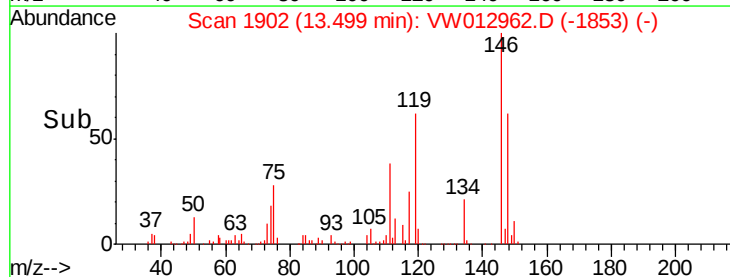
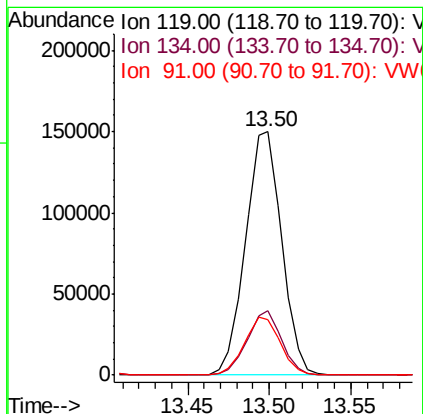
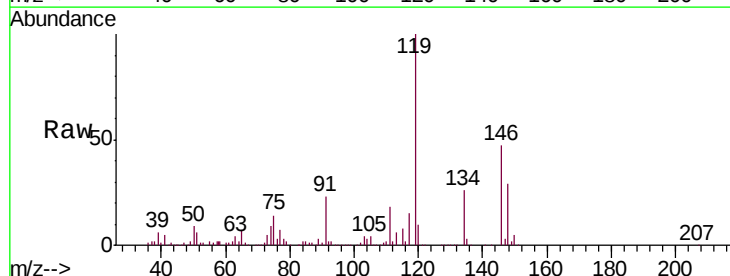
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0914SBS01

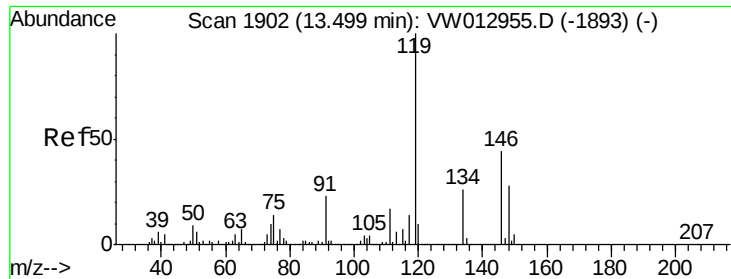
Tgt Ion:105 Resp: 250482
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 19.768 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012962.D
 Acq: 13 Sep 2019 19:40

Tgt Ion:119 Resp: 231584
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.3
 91 23.3 11.8 35.4

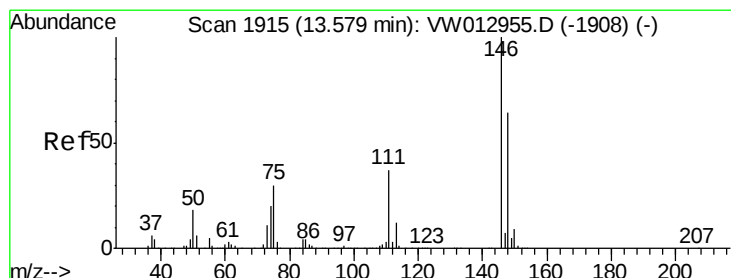
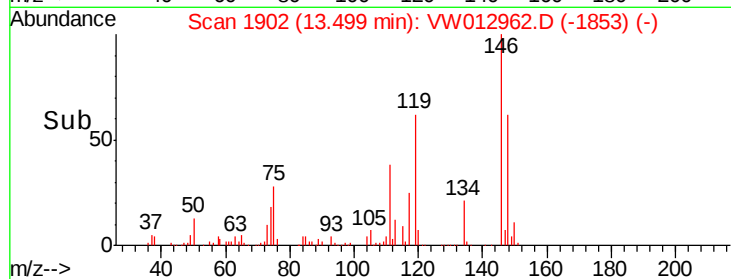
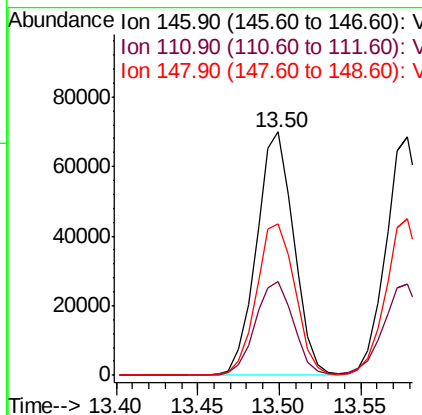
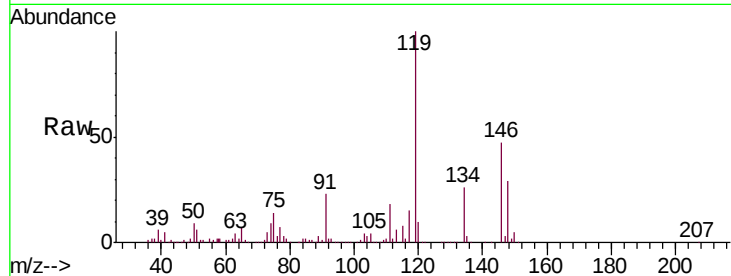




#87
 1,3-Dichlorobenzene
 Concen: 19.714 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012962.D
 Acq: 13 Sep 2019 19:40

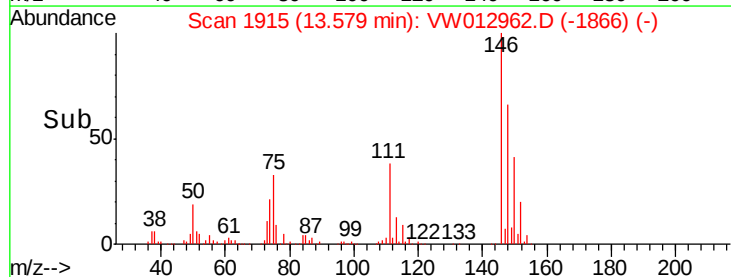
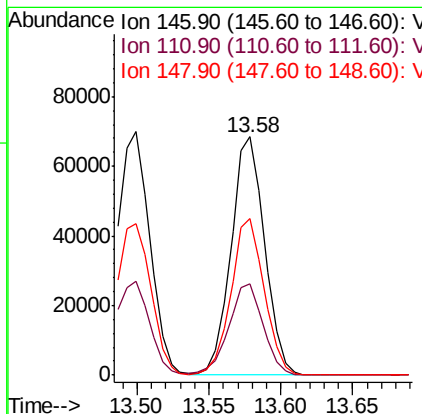
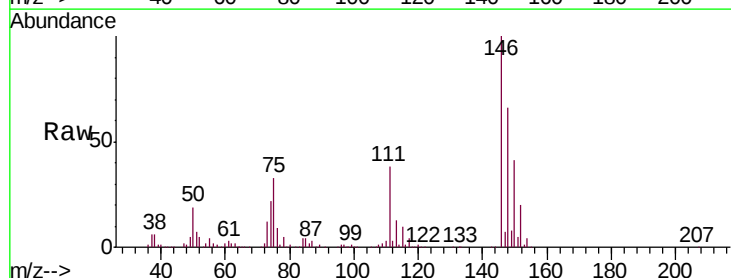
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0914SBS01

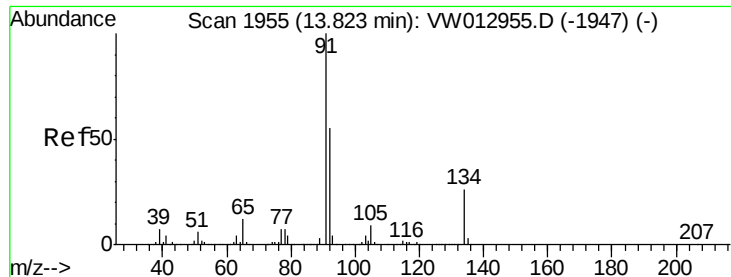
Tgt Ion:146 Resp: 111271
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.8 59.4
 148 64.6 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 20.018 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012962.D
 Acq: 13 Sep 2019 19:40

Tgt Ion:146 Resp: 111034
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.4 58.2
 148 65.1 31.9 95.5





#89

n-Butylbenzene

Concen: 19.592 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012962.D

Acq: 13 Sep 2019 19:40

Instrument :

MSVOA_W

ClientSampleId :

VW0914SBS01

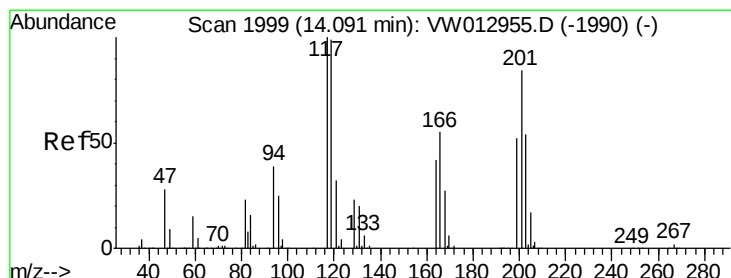
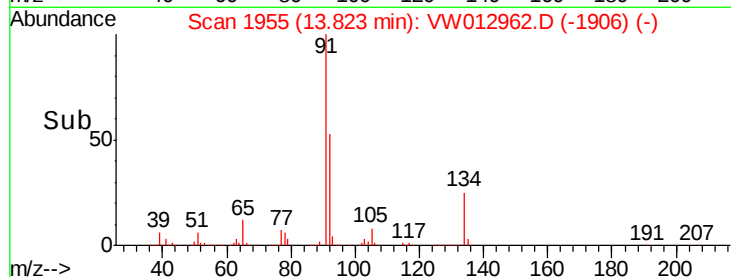
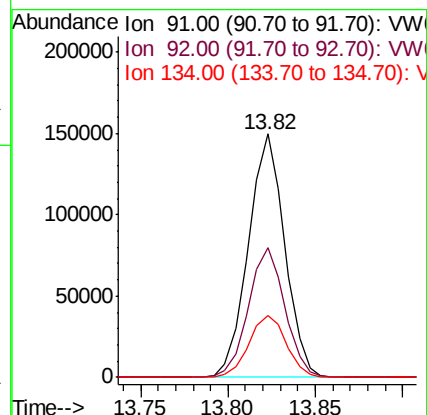
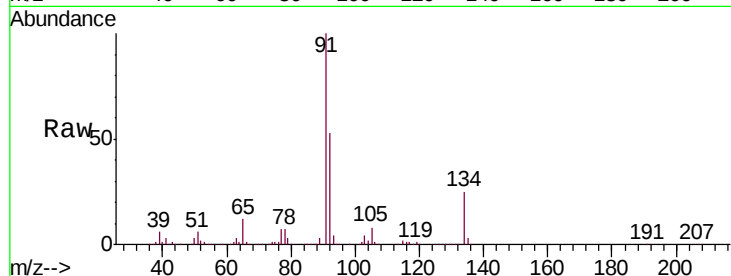
Tgt Ion: 91 Resp: 216459

Ion Ratio Lower Upper

91 100

92 53.3 27.2 81.5

134 26.2 13.1 39.1



#90

Hexachloroethane

Concen: 19.010 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012962.D

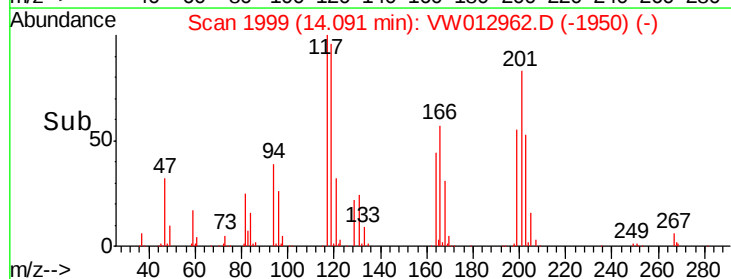
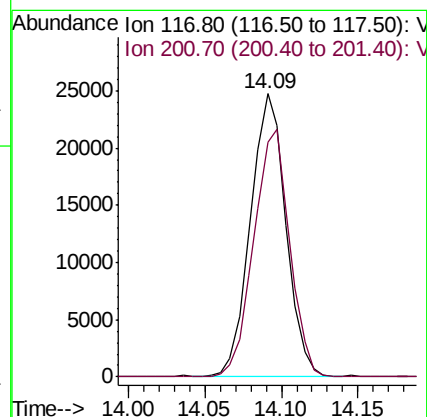
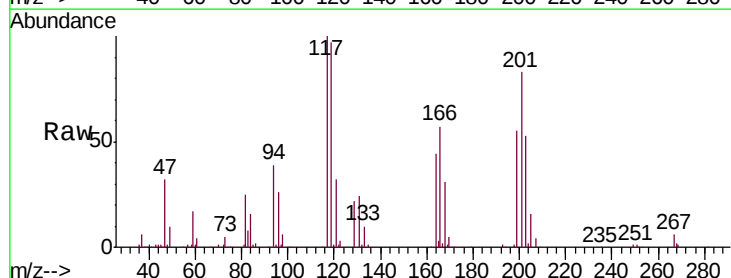
Acq: 13 Sep 2019 19:40

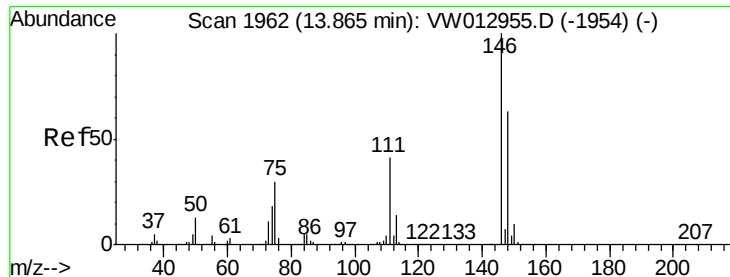
Tgt Ion: 117 Resp: 39910

Ion Ratio Lower Upper

117 100

201 88.3 45.3 135.9

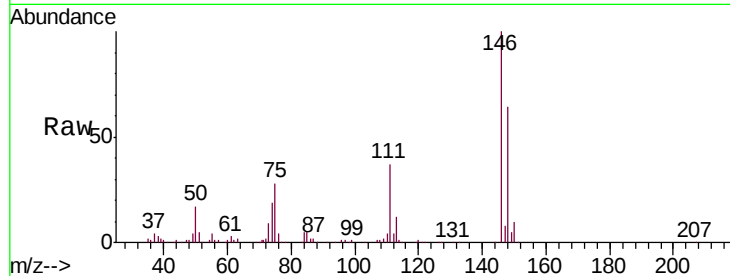




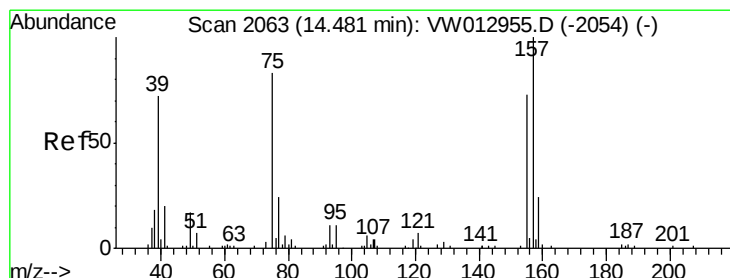
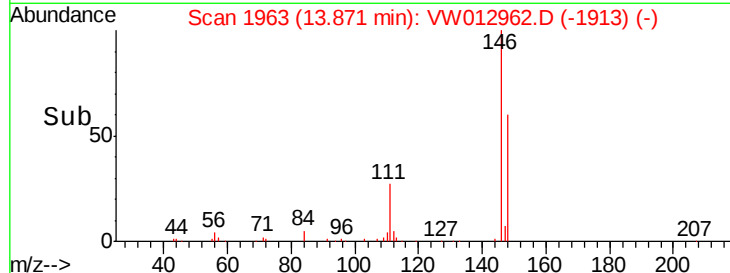
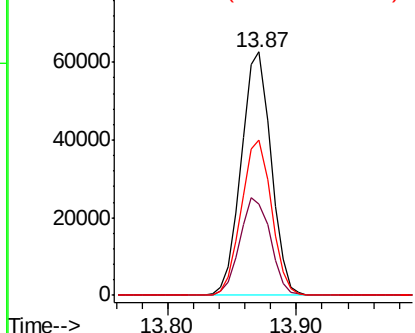
#91
 1,2-Dichlorobenzene
 Concen: 20.232 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.01 min
 Lab File: VW012962.D
 Acq: 13 Sep 2019 19:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0914SBS01

Tgt Ion: 146 Resp: 100421
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.8 62.5
 148 64.5 32.7 98.1

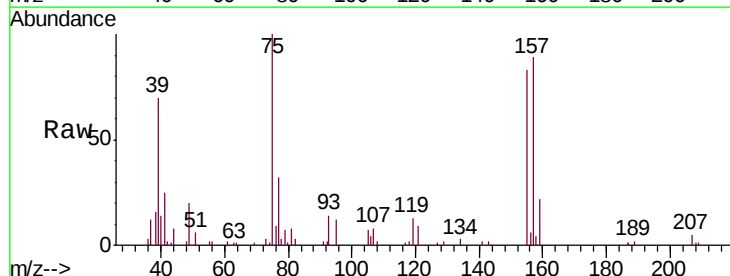


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

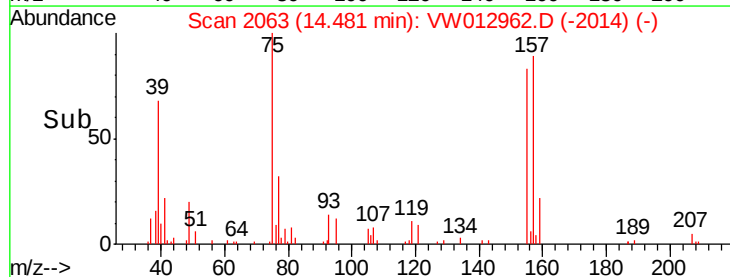
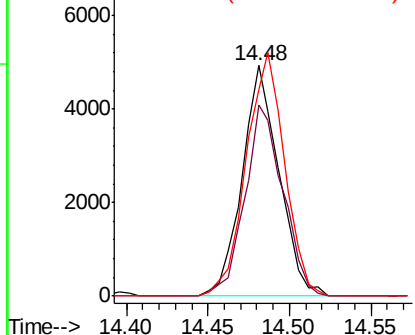


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.460 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW012962.D
 Acq: 13 Sep 2019 19:40

Tgt Ion: 75 Resp: 7743
 Ion Ratio Lower Upper
 75 100
 155 85.5 43.3 129.9
 157 110.1 54.7 164.1



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

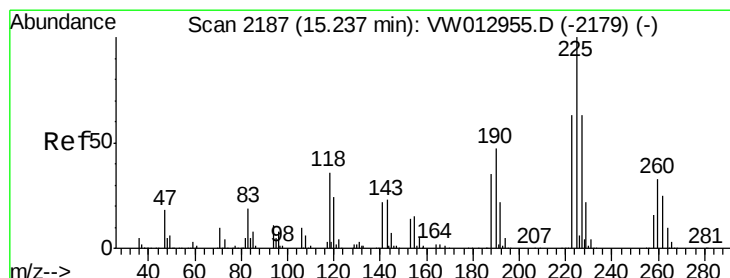
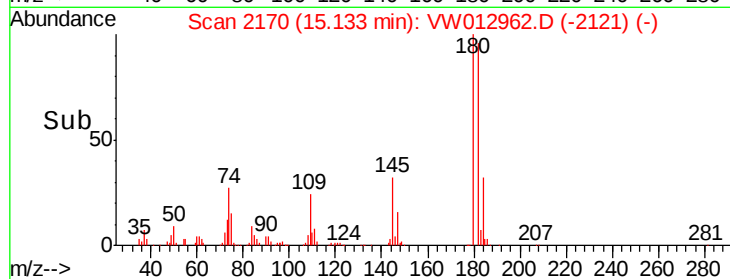
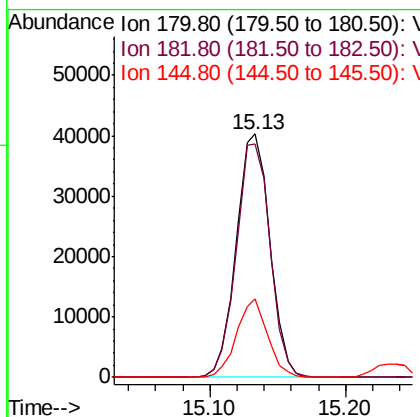
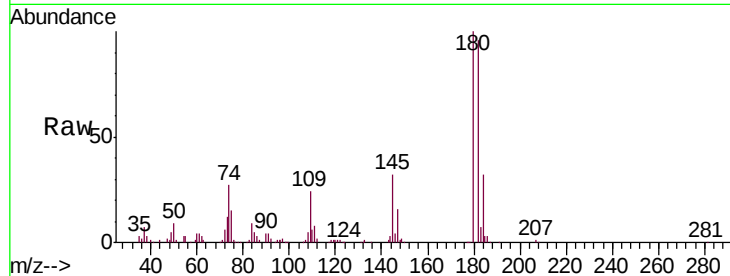




#93
 1,2,4-Trichlorobenzene
 Concen: 19.612 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012962.D
 Acq: 13 Sep 2019 19:40

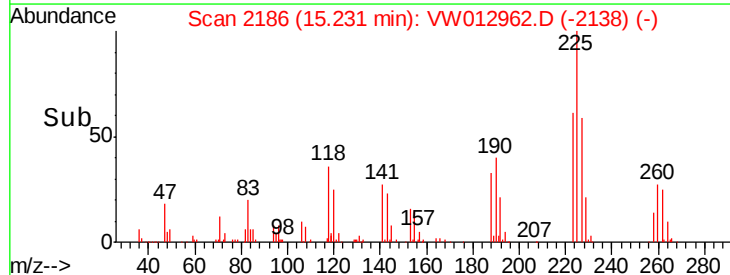
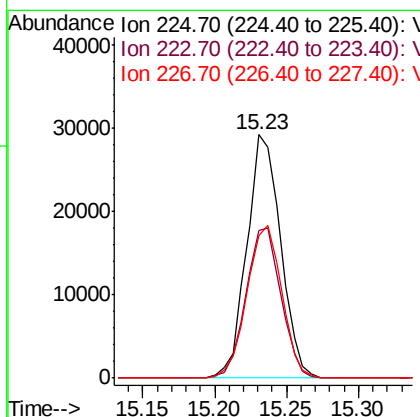
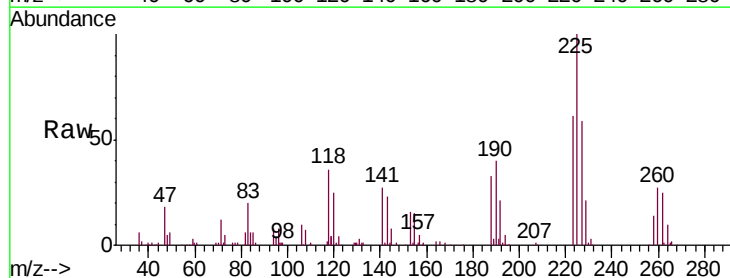
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0914SBS01

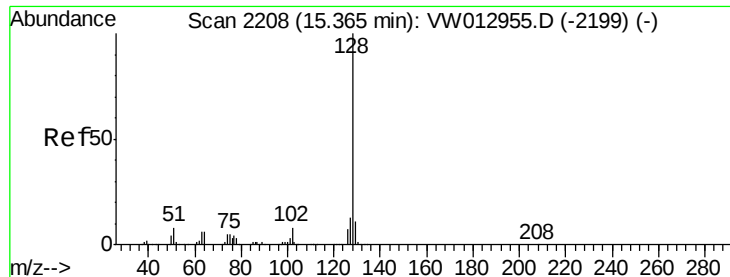
Tgt Ion:180 Resp: 69422
 Ion Ratio Lower Upper
 180 100
 182 96.7 47.4 142.2
 145 29.7 14.9 44.7



#94
 Hexachlorobutadiene
 Concen: 18.936 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW012962.D
 Acq: 13 Sep 2019 19:40

Tgt Ion:225 Resp: 47452
 Ion Ratio Lower Upper
 225 100
 223 63.9 31.8 95.3
 227 64.6 31.3 93.8

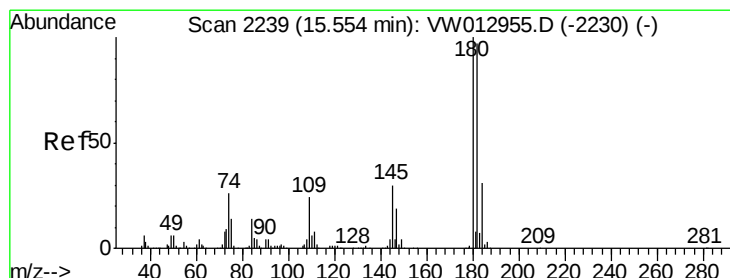
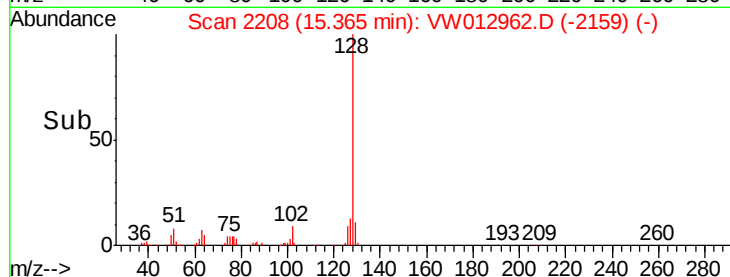
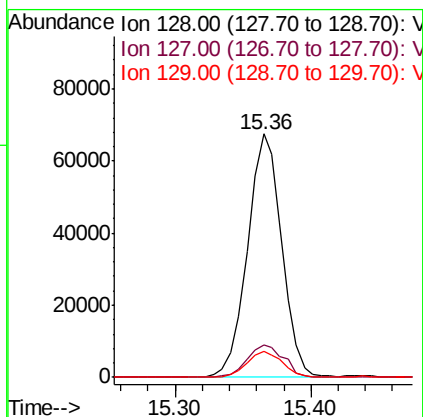
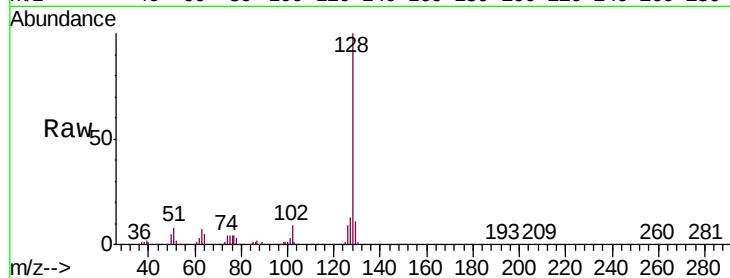




#95
Naphthalene
Concen: 20.096 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW012962.D
Acq: 13 Sep 2019 19:40

Instrument :
MSVOA_W
ClientSampleId :
VW0914SBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.0	11.0	16.6
129	11.2	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 19.503 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW012962.D
Acq: 13 Sep 2019 19:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.6	142.8
145	31.7	15.4	46.2

